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<223>   Clone ID: 700955991H1

<400>   1377

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actcccattt cttatttatt attgaattaa ccgatcaact tgctttgtta tcgaacattt   180

cttttttgatt tcaaaaattt tccggaaaaa atttgaatct atttttatat gcgaatcaat   240

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<210>   1378
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<223>   Clone ID: 700955992H1

<400>   1378

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gcaagcgatg aatccatttc aatcccacca gcttcataca atcccttgga tgagccaagc   180

cctttgggtt tgcgtctcag gaagagtccc tccttttgg atttgattca gatgaggctc   240

tcgcaacaag a   251

<210>   1379
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<223>   Clone ID: 700955994H1

<400>   1379

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ggatatggag aacaagagtg atcaagaaga actgaagcat cttgggtttg tgaagattgc   120

ggcaattaaa gcctttgtgt gtgtgtcgaa tctctacgac ttcgcaaagc aaaactcggg   180

acctttgaga tctgctgttg gaaccgtgga agacactgta accaccgttc tgggtcccgt   240

ctaccacca

<210>   1380
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956008H1

<400>   1380

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ttgctgcggc ttacaaattg aaatcacatg gtctggatgt cactgtattt gaagctgagg   180

gaagagctgg agggaggttg agaagtgttt ctcaggatgg tctaatttgg gatgagggag   240

ctaatacaat gact   254

<210>   1381
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<213>   Glycine max

<223>   Clone ID: 700956011H1

<400>   1381

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ttcattttct ctcgaagcaa gaaaaatgtt catcgagagt ttcaaggttg agagtcctaa   120

cgtgaagtac acagagactg agattcagtc cgtgtacaac tatgaaacca ctgaacttgt   180

tcacgagaac aagaatggca cttatcagtg ggttgtcaag cccaaaactg tcaaatatga   240

atttaaaacc aac   253

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<212>   DNA
<213>   Glycine max
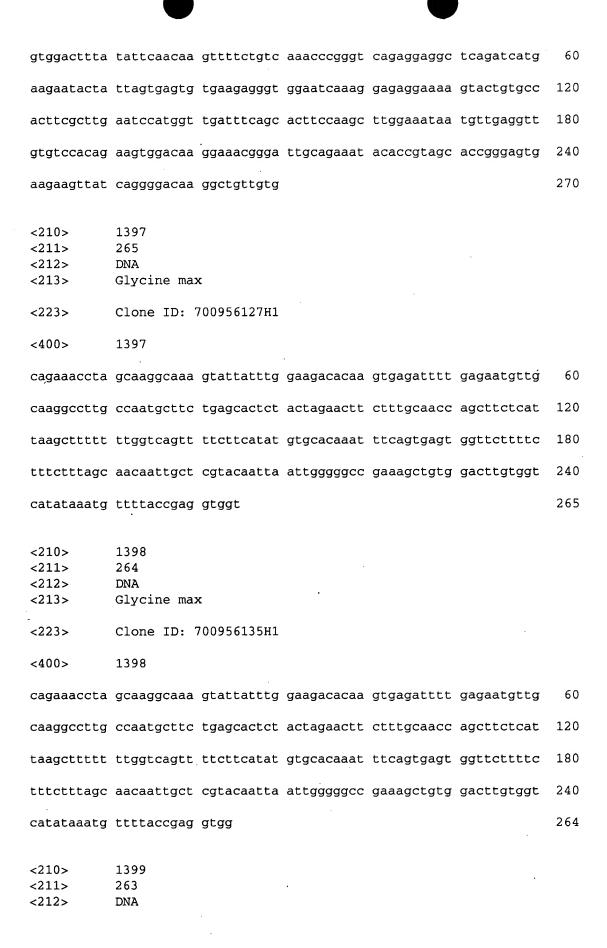
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<400>   1382

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aacagctctg gagctggagc ttcagttccc agttcagc   158

<210>   1383
<211>   259
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<213>   Glycine max

<223>   Clone ID: 700956018H1

<400>   1383

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ttaacccaca aactctcaaa taccctctct ctctcaccga ccactatgtt gcagagacct   180

agacgccgct gcgagggcac tgccatgggc gccatcgttc tcgatctccg tcccggtctc   240

ggaattggac ccttctccc   259

<210>   1384
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956026H1

<400>   1384

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cagagcttgg ctttgcttat cgattctctc tcctctcatc tttctcattc aaggtttgta   120

aaagatggcc gatgctgagg atattcaacc ccttgtttg   159

<210>   1385
<211>   253
<212>   DNA
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<223>   Clone ID: 700956045H1

<400>   1385

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atgaccttaa tgaagatctc ttggagaggg tactttcatg gctaccaact tcctcatttt   120

503

ttcgcctcac ttcggtgtgc aagaggtgga aatcagctgc tgcttctgtg agtttcaagc   180

ttgcctgctc acacgttcct tcacgtgacc cttggttttt gatggttgct ccaaacctca   240

accaatctat tgt   253

<210>   1386
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956048H1

<400>   1386

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cagaaactca ttgttgtgtg gcacaacaaa cttcaccaat gatgaaagcc ctcacaagct   120

cttgttctaa ggccatggtc gagactctag gacccttctc tcccagagtt cccctttgtg   180

tttctgatag acccgaattc tgcttcaccc ttcgttccaa aaatgagaaa aagggatgga   240

atttattgct cctgaaactg g   261

<210>   1387
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<212>   DNA
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<223>   Clone ID: 700956052H1

<400>   1387

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cccaggttta cttggccaag cttgccgagc aggccgagag atacgaagaa atggttgagt   180

gtatgaagaa agtagcaaaa cttgatcttg atctaactgt ggaagaaagg aacctcctct   240

cagtgggata ca   252

<210>   1388
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956058H1

504

<400>   1388

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gctgccaact gcccccttga agataaatgt tctcgcattc atggaaatca gtgcttatac   120

tgtagaaaat tttgcttaca tcctactgat cgaaaggaaa aagaaaacca tttgagaact   180

tgtgagaaaa aggaaaaata ccttcaggct ttgaaagata gtcaagaagt agagtgcaat   240

gtttgtttgg   250

<210>   1389
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956059H1

<400>   1389

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aaggcaatat ataaaaatat tagtatttga taataattag gtgtagaaat attatgggga   120

ggggaagagt ggaactcaaa aggatagaga acaagataaa caggcaggta acgtttgcaa   180

agaggagaaa tgggctctca agaaagccta tgagcttctg ttctctgtga tgctgaggtt   240

gccctca   247

<210>   1390
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956064H1

<400>   1390

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tgaaacgaat gaaatgatag gtaggtggag gattgagaga gtgcggtgtt ggttcaccat   120

gaggaagttt ggtgcttgaa cttgaacccg aacattgcga ttcagacata gagaatggcc   180

atggcccgaa gagtccctcg ttatgtttta ggatcggtcc aaaggaacat gtccttcaaa   240

tctttggatc ccccttcctc c   261

<210>   1391

<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956066H1

<400>   1391

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acaggacaag gagcattttg caaaattagc tgtggatgct gtaatgagac taaagggaag   180

caccaattta gaatctatcc agattataaa gaaacctgga ggctcattaa tggattcatt   240

cttagatgaa ggattc   256

<210>   1392
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<223>   Clone ID: 700956068H1

<400>   1392

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ccctccttgt cccacccctg atctgatcaa gggactaaga gctcacactg atgctggtgg   180

cataattcta ctcttccaag atgacaaggt gagtggcttg cagctcctca aggatgacca   240

gtggatcgat   250

<210>   1393
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956074H1

<400>   1393

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caagaagaga gtaatctcat aacagcttct ttggtgggaa atgctttacc cgtggctccg   120

tctcttggct atgaacttgg tcgtgatcaa attgttggaa gactagtctt gaatctcaaa   180

gccaatggaa agcttcgttg gaaagtggga acatgggtct ctggacgtta caggttcaat   240

gttaattgtg   250

<210>   1394
<211>   258
<212>   DNA
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<223>   Clone ID: 700956080H1

<400>   1394

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tggaaaaatc tggggagcat gctgaaggtg aaggtgaata tgctgatgcc atagctgctc   180

aggtgcgtcg cctggcgaat gaagttcggc agctagcatc aaacaggcca atcacagtac   240

tgaatggggg ttctgaac   258

<210>   1395
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956093H1

<400>   1395

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aagctgttaa tgatgatatt ttaccaatgc ttcatatttt taatgatgac aaatggtttg   180

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tttttgcggg   250

<210>   1396
<211>   270
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956108H1

<400>   1396

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aagaatacta ttagtgagtg tgaagagggt ggaatcaaag gagaggaaaa gtactgtgcc   120

acttcgcttg aatccatggt tgatttcagc acttccaagc ttggaaataa tgttgaggtt   180

gtgtccacag aagtggacaa ggaaacggga ttgcagaaat acaccgtagc accgggagtg   240

aagaagttat caggggacaa ggctgttgtg   270

<210>   1397
<211>   265
<212>   DNA
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<223>   Clone ID: 700956127H1

<400>   1397

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taagcttttt ttggtcagtt ttcttcatat gtgcacaaat ttcagtgagt ggttcttttc   180

tttctttagc aacaattgct cgtacaatta attgggggcc gaaagctgtg gacttgtggt   240

catataaatg ttttaccgag gtggt   265

<210>   1398
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956135H1

<400>   1398

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taagcttttt ttggtcagtt ttcttcatat gtgcacaaat ttcagtgagt ggttcttttc   180

tttctttagc aacaattgct cgtacaatta attgggggcc gaaagctgtg gacttgtggt   240

catataaatg ttttaccgag gtgg   264

<210>   1399
<211>   263
<212>   DNA

508

<213>   Glycine max

<223>   Clone ID: 700956143H1

<400>   1399

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aaaagtgcaa catactggca gtgattgcag aagttgatag gatcctgaga ccagaaggat   180

atttggtcat aagagacaat gttgaaacta ttggcgagat agagagcatg gctaaatctc   240

tacactggga tattcagttg aca   263

<210>   1400
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956151H1

<400>   1400

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gccatagtca ccaaccaatt aacaaaggta tatatatcat catatcatca ccaaatgaaa   120

aatattgggt tgttttttct tgtggtggtg ctacttttg tggtggcagc cacagctggt   180

agcttttacc aagactttga ataacgtgg ggtggtgagc gtgccaaaat ctatgagaat   240

ggaaaccttc tcacactctc cc   262

<210>   1401
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956152H1

<400>   1401

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atctgcgttt ctcttctacg atgagaacaa gaaccttgtg cgtgtgaagg tcaaggattc   120

tcttgacact agaaaactag ggtatgttta ccaagatgtt gacattccat ggttaaattc   180

taagcccacg ccgcgtaggt caagggttca gaaggtagca ttagcacaaa attttggtgt   240

509

tggtgcagca catgctgctg ag   262

<210>   1402
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956161H1

<400>   1402

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aaattggcca aatgttgcag gttgagcgca agtatgtatc tgctgattta cttaagaagt   120

attttattgg ggctgtattg agtgagggag ggagtattcc agctccacag gcttctgctg   180

aaacctggat tgacatggtg aatgaatttc agaagggtgc cttatcaacc cggctcggaa   240

ttccaatgtt ttatggga   258

<210>   1403
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956166H1

<400>   1403

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ggcagaaacc agagaacatt ccgcccgaaa aaaagtactc cttctggaag taagggagct   120

caacttcgaa aacatattga tgccacgtta ggtagtggaa atctgaggga agcagtaaag   180

ctacctcctg gggaggattt aaatgagtgg ctagctgtca acactgttga tttcttcaat   240

caggtgaatc tgctttatgg t   261

<210>   1404
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956176H1

<400>   1404

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acaacgttgt tgttgtttag atcttgaata gtgttttggt gttcggtgag atggaagaaa   120

ggaagcaatc acgttatgtg aagttgacta aagatcagac acctctcgaa gacattaccc   180

ctggcgaact caaccagcca attcaggttc ctcagttgga cgttcgcaag tgccctgaat   240

gtagacagcc gctacctg   258

<210>   1405
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956179H1

<400>   1405

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agtctttgcc actagtgttt ttgcagcacc tttaagcatt attagggtgg taattcggac   180

gaaaagcgta gagttccttc ctttccctct ttcacttctc cttctgataa gcgcaattat   240

gtggctctta tacggt   256

<210>   1406
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956227H1

<400>   1406

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gagggatttc ttctgggatg atgactttcg tcctaaatgg gatgctatgc ttgcatactg   180

caaagtattg gaggaatgcc ctcgtaatgg gacaatgatt tctcactgga ttaaaaagtt   240

cccctttttt tg   252

<210>   1407
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956229H1

<400>   1407

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acaggtatcc ctgagcaagc tgaagctcca cttgtagccc gggcgcctgt aagtgctcaa   120

cctacaaatc ctcctgctga tgctccacaa acagcacaac ctgctgcagt tacctcagct   180

ggacctaacg ctaatccttt agactttttt ccccagggtc tccctaatgt gggttctggt   240

gctgctggtg c   251

<210>   1408
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956235H1

<400>   1408

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tggagaagct atactgtctc agttcactct caacatgcct aaagaattgg tagccacaaa   180

tattgctgtc tggactacgg tggttaatcc atttaccaag tatgcattga ctatatctcc   240

agtggcaatg   250

<210>   1409
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956276H1

<400>   1409

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gatgggtgaa gctttcccat cggcctgtcc ctccaaagct gcccttgaag ccaacagagc   120

cacagcaaca cttctcattc aacagctcgc tggtgggtct caagctggga agactgtggc   180

tgctagggag attcggttgc tcgcaaaaac tggaaaggaa aatcgtgcct tcattgcaga   240

agctgg   246

<210>   1410
<211>   240
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956305H1

<400>   1410

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aaatcacgag tccattgagt ttgattttgt ggatgaaaag catagatagg gcttttgcaa   120

aactctccaa tgtttcttga aattatatga ccatgcgtcg aattcgtatg ctgcactcct   180

tctccgtcgt gttcctctac tggttctacg ttttctcatg aactccctct aaatccgtg   240

<210>   1411
<211>   238
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956307H1

<400>   1411

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ggtgtgttga agaaccgggg tatcaatctg agaagaagcg tcgtctaagt gtggatcaag   120

tgaaggcttt ggagaagaac tttgaggttg aaaacaagct tgaacctgag aggaaggtga   180

agcttgccca agaacttggg ttncaaccta gacaggtagc cgtatggttc caaaaccg   238

<210>   1412
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956312H1

<400>   1412

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tgaatacatt gatctctatt atcagcacag gattgaccaa acagtaccta tagaggaaac   120

agtgggtgaa cttaagaaac ttgtggaaga gggtaaagtg aagtatatag ggttatctga   180

agcgagtcca gatacaataa gaagagcaca tgcagttcat cccatcactg cttta   235

<210>   1413
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956325H1

<400>   1413

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tgctctcttt gtctcagctt tgtgcttctc ctctatcttg gctcgtaaga cacctgccct   120

tgataaattc ttcgttgagg gcaagattta ctgtgaccct tgccacttcg catttgagtc   180

caggctcagt ttccccttgg aaggtgttaa ggtaagcctg caatgtctga ggag   234

<210>   1414
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956327H1

<400>   1414

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caagaagccc ctctcccacc ctcccttcgc cgtgatgata gcagaggcga ttgcgagtct   180

gaaagagaga accggttcga gccaatacgc gataaccaaa tacatcgaag ggaag   235

<210>   1415
<211>   233
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956352H1

<400>   1415

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tctgctgcca tgaggaagaa gctcgatacc cgtttccctg ctgctcggat aaagaagata   180

514

atgcaggcag atgaggatgt tggaaagata gcactggctg tgcctgtttt agt   233

<210>   1416
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956359H1

<400>   1416

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tctgtcaagg atcgaagcta agggcaaggg gatcctgcaa caccaccagg tcattgctga   180

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<223>   Clone ID: 700956373H1

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ggccatgggt cacatatacc cttacttcga agtcgccaag attcttgctc aaaagggtca   180

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<211>   230
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956375H1

<400>   1418

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acccaaccgt gagcgctgat taccagaagg ccgttgagaa ggcgaagaag aagctcagag   120

gcttcatcgc tgagaagaga tgcgctcctc taatgctccg tttggcatgg cactctgctg   180

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<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700956378H1

<400>    1419

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accagatcaa actcacgctg ctcaatgcct aattcaaggt ttcattttgt gtgggcagac   120

tgtagcttga gactgcaaga acaagaggca atctaaaaat taaaatccac gcagcaaatc   180

ttgtaataga tattccattc gtgatggatt aaggatttat gtcaaggttg tcg          233


<210>    1420
<211>    255
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700956406H1

<400>    1420

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atgctttta cttcctcatg agttggagtt ccgcgggaac cttttcata ttctctagca     180

tatgtggctt caccattcta ttcgtggcaa aactagtacc agagacgaag gggcgaactc    240

tagaagaagt tcaag                                                     255


<210>    1421
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<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700956426H1

<400>    1421

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atgaggaggt taattacttc ccttcaaggt atgatcctgt tcgtcatgca gaaacgttcc   120
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516

ccatacctcc tgctatctgc agtggaaggc gtgaaaagtg tggaattgag aaggagaaca   180

actttaagca gcccggagag agataccgat cttgggcacc tgacaggcaa gatagattta   240

atcgccgatg ggt   253

<210>   1422
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956461H1

<400>   1422

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ctacttccct ttcttctgtt atcacagttg ttctttcaac ttgcatggtg tggctccata   180

gtaaagttcc ttcctggatt agagggaccc cttccttttg ttcttgaatc cgggtatgtg   240

ggagtgggtg a   251

<210>   1423
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956476H1

<400>   1423

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acaatacata aggaggcatc acaaacatga accaagggaa aaccagtgca cctctgcact   120

tgttaaacac ataagagctc ctgttcacct tgtgtggtca ctggtgagaa gatttgatca   180

acctcagaaa tataaaccat ttgttagcag gtgtatcatg caaggggatc ttggcatcgg   240

aagtgttcga   250

<210>   1424
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956479H1

<400>   1424

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gccaatgttg ctgcacctcc tagcaccaat gacaatgatg ttaacatgca agatgctaat   120

tccaaggcaa ctgctgatgc ccctgggtcc gaaaatggga cccctgaggc aggagataag   180

cctgtgcaaa tggatactga taccaaggtt gaggctccaa agaaaaaagt taagaaaata   240

aacattcctg tggt   254

<210>   1425
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<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956487H1

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ttggacccnn ggcttctaaa acccctacct tattccactc tcgtttcttc caccttcggc   120

ttctattgct gggactggga atttctcacc gctctcctcc tctttagttc ttcttcctaa   180

ttaattaaat tacatacacc   200

<210>   1426
<211>   302
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956492H1

<400>   1426

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agtgatggga aggggaagag tggagttgaa gagaattgag aacaagatca acaggcaagt   120

gcacctttgc aaaacgacag gcaaacgggg ctttcngaag aaagcttatg nagactantn   180

ccgtatgctt ntgtggattg accgaaggtn tagactacta catncatact ttacttccca   240

aatnaggang gnannaggcc agttgancgn agnttntttg gccagacggg ttttccaaag   300

nc   302

<210>   1427
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956557H1

<400>   1427

tcgagctctg cgagatcttc attcgccgat tttaaaagat gagtaagctt ctgagtgatg   60

ctttgcgtga agccatttca ggaatcatgg ccgattccaa ggagaagaat cgcaaatttg   120

tggagaccat cgaactccaa atcgggttga aaaactacga tccacagaag acaagcgtt   180

tcagtggctc tgtcaagctg ccccacatcc ctcgccccaa gatgaaaatt tgcatgcttg   240

gtgatgctca gcatgtt   257

<210>   1428
<211>   84
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956561H1

<400>   1428

gggttcgggg tnanagtgca ncctctaagg caangacnac cagtacgcac gggtggcgac   60

antggattca cacggcaagg caag   84

<210>   1429
<211>   273
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956604H1

<400>   1429

tggccacctc tgctattcag caatcagcat tcgcaggtca aactgctctg aagcagctca   60

atgagttggt ccgcaagacc ggtggcgccg gcaaaggtcg caccaacatg cgccgtaccg   120

tcaagagtgc tcctcagagc atttggtatg ccctgatcg tcccaagtac ctgggtccat   180

tctcagagca gattccgtca tacctgaccg gagaattccc cggtgactac ggatgggaca   240

ctgctggact atcagctgac ccggaaacct tcg   273

<210> 1430
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700956620H1

<400> 1430

caaccctcgt tgttccgtgt tcaggtgaaa cgacaccgtt ttacccttcc tcttctcggc   60

acagcatcta gcaggttgta gaaaatatgg ccaagcatca tcctgatttg attatgtgcc   120

ggaagcagcc agggattgcc attggacgac tgtgcgagaa atgtgacggc aagtgtgtga   180

tctgtgactc ttatgtgcgt ccttgtacgc ttgtccgagt ttgtgatgaa tgcaactatg   240

gatcatttca gggtcgatgt gtcatatgcg   270

<210> 1431
<211> 267
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700956625H1

<400> 1431

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cattgttctg ctcttcccct taacaaacaa taactctatt taaagcacac acaaagggat   120

catatatctt ggttgcacct tggtaaggtg agaaaatatg gcatttgcag gaacaactca   180

gaagtgcatg gcttgtgaca aaacagttta tctggttgat aagtcgaccg cagataaccg   240

agtgtaccat aaggcttgct tcagatg   267

<210> 1432
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700956643H1

<400> 1432

ggcctcccca tactcttcat tcttcactct tcactcttca ctcccaaccc tagccaaacg   60

caaaccattc attcattcag ttcagtaact cacctcacca tggccgcatc cattacattg   120

tccaggctcg tctcttccac cctcaccact gcctctttct tcccacccat aaccctgcct   180

tccaaactct cctctctccg actccccacc cgccgccacc ccaagccact cagattctcc   240

tcctccacca tcaccgccac c   261

<210>   1433
<211>   271
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956649H1

<400>   1433

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ggttactcca tgtcaccgga gccgtcgggc cggagagtct tgtcttcgac gctgacggcg   180

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gttggactga atttgctgtc accagttcca a   271

<210>   1434
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956658H1

<400>   1434

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gagtagtgat ggagttgttt gccgatgcaa ccccaaaaac agctgaaaac ttcagggctc   180

tctgcactgg ggaaaagggg attggacgat ctgggaaacc tttacactac aaaggttctg   240

tatttcatcg tattattc   258

<210>   1435
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<212>   DNA
<213>   Glycine max

521

<223>   Clone ID: 700956688H1

<400>   1435

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aaggcgaaga agaagctcag aggcttcatc gctgagaaga gatgcgctcc tctaatgctc   180

cgtttggcat ggcactctgc tggaacttac gacgtgagct cgaagaccgg tggtcccttc   240

ggaaccataa agcacccc   258

<210>   1436
<211>   251
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700956693H1

<400>   1436

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tgacatgatg ctgaaacaac tgtngcatca ccaggatgcc attctatgct gttcactgaa   120

gtcattgcca gtgttcatat ttgcaaatca agctggcctt gacatgttgg aaacaaccct   180

agttgcctta caagatatca cattggataa aatatttgat gaggctggac gcaaggcatt   240

gtgtacagac t   251

<210>   1437
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956710H1

<400>   1437

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aaaatgggac atggaaattc ccaggaattg gtgctttcca atgctatgac aagtatatgt   120

tgagtagctt aaaagctgct gctgaagctc acggtaagcc tgaatgggga agcacaggcc   180

ctactgatgc tggccactat aacaactggc cagaagacac tcaatttttc cgcaaagaag   240

gtggtggatg gga   253

522

<210>	1438
<211>	254
<212>	DNA
<213>	Glycine max

<223>	Clone ID: 700956713H1

<400>	1438

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cgtctttgcc acaatctatt atgggtcgaa atgctaaaga ttctttggag aaggatgctt	120

tagtgaggca gatgggtgtg aatccctcga gtcagaatcc taacttgttc agtgacttgc	180

ttggctaatc ttttttctaa gccaattcta gatcatgatg cttgaagata gattgcctag	240

cgactttgct gctt	254

<210>	1439
<211>	261
<212>	DNA
<213>	Glycine max

<223>	Clone ID: 700956716H1

<400>	1439

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ttctgtttag agacaacacc gctaaccaaa cgtctttctc tcaacttcaa cgtctttgct	180

atttaaattt aaatcactgc acaacctatt gcagtgtacc tcattcttcg tttggttttg	240

gtttcaattt gcgtcgcaca a	261

<210>	1440
<211>	249
<212>	DNA
<213>	Glycine max

<223>	Clone ID: 700956722H1

<400>	1440

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tgtatcctca tctggacaac ttattcttcc ggaggcatta aagcttttgc ccctgtacac	120

acttgcatta actaagagta cagggttgcg aacagaagga aagatagatg aacggtcatt   180

ttggataaac tatgtatcct ctatctctgc tccattagca ataccacttg tgtatcctag   240

gatgatggc   249

<210>   1441
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956748H1

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ttacataggg aagtatatgg tgaaggcaag cgtcacgtta ggccatccaa cttttgtcta   120

cactcgccct cttgatgcac aaactccttc ctctaaggca cagctttgca aggagttcaa   180

ctctatgggg gtcacacttg tccatggaga acttgagcat gaccagattc tggcagtgat   240

taaacaagta gacatt   256

<210>   1442
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956753H1

<400>   1442

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gggttaggga cttggcaagc tgaacctggt gttgtagctg aagctctcac cacagccatt   120

caggttggat acaggcatat tgactgtgct agtgcgtata agaatcaagc agagattggt   180

tctgctctta agaagctttt tgatgatggt gtggtgaagc gtgaggactt atggatcact   240

tcca   244

<210>   1443
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956754H1

<400> 1443

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ggacacaaac acctttatgc atatggttgg ctcccttgaa tctggactta aagggttgga   120

tacaagtatc tcatcacagt gtgcatctgc tgttgataat ttggctgctt tctatttcaa   180

caatatcact atgggagagg ctccaaattt acctgcatct gtcaatcttg ctcgacatat   240

tgcag   245

<210>   1444
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956757H1

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ctccttttcc gggttttctc ccaaacccag tgttggggat gctctgaaaa acccaacttg   180

ctctgtttct ctgagctttg cgaatgtgaa acttggaagc agaaacctta gggtttgtgc   240

ctcaactg   248

<210>   1445
<211>   254
<212>   DNA
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<223>   Clone ID: 700956769H1

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ctgataatta ctcaatacta gtagaaattt tacatttggt tgtgttaaaa atgctccatt   180

ggaattacaa aatgtagaag gtattgtcct ggctctgagc atgatctcaa tctaattctc   240

actgcgggtt ttac   254

<210>   1446
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<212>   DNA
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<223>   Clone ID: 700956779H1

<400>   1446

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caatggcgga cgctgaaacc ttcgctttcc aggctgagat caaccagctt ctaagtctca   120

t   121

<210>   1447
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956789H1

<400>   1447

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aacccaactt tccgccctaa ttctcagttt atgggcttgc accacccaag accaatgcct   180

gccatgggag ccacccatag cttcataaat aggatgtacc caagcaaact atatggtcaa   240

tatg   244

<210>   1448
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956790H1

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gagagagatg ggtggggacg tatcgtatgg ccttatgagg agctacctca cctcacacac   120

caatagcata tgaagagaga gaagaagtga agataagcac agagagtgtc atctactcac   180

ctctactacc ataaaaaaag aaaaacaaaa agccttcaga gtcgactatt catcctttct   240

tat   243

526

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<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700956819H1

<400>        1449

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ttgtggttga agtggggccc atggctgagg ctgcggtgac ttgcaaccca acacagttga    180

ctccttgtct tccggcaatt aattcaggtt ctgcaccttc gagtgcttgt tgccagaagc    240

tgaaggagca aaagccatgc tt                                             262


<210>        1450
<211>        259
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700956827H1

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tgaagtaatg gaggagtttg tggctgaatt tgtggcagtt ttacctcttc agccttcaat    120

gctgtttgat ttagctagat tctatagagc tgaagttgct gccagagggg accaatccca    180

tttttctgtc tggctcacag ggggaggatt gccagctgaa tgggctaaat atttagggag    240

atcattcagg tgcttactg                                                 259


<210>        1451
<211>        260
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700956843H1

<400>        1451

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aaaaaaggct ccaaagatgg gtttcaaaag ctcttctctt ctatgcctag ctctttttgct    120
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527

tgcatgctct tcggctattc atgcctttga catcacacaa ctgctaggcc aatatccaga 180

gttttccaca ttcaacaaat acctaacgga aaccaagctc gcagacgaaa tcaacagccg 240

caacaccatc actgtcctcg   260

<210>   1452
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<212>   DNA
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<223>   Clone ID: 700956845H1

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aggctccggc tcttgccgct aagaagaagc ctgagaaggt ttcgaatccg ttgttcgaga 120

agcgtccaaa gcagttcgga atcggagggg cgttgcctcc gaagagagac ttgactcggt 180

tcgtgaagtg gccaaagaat gttcaaattc agaggaagaa gaggattctg aagcagaggt 240

tgaaggttcc tccagctttg   260

<210>   1453
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956847H1

<400>   1453

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ttgcaagata gcatagaaga ttttgaagaa tcttaattgc aacatagtag tgcagttgca 120

atgggggctc ctttatcagc atggccttgg ataactttg gaacatacaa gtatctatta 180

tatggaccgt ttgtggggaa agtcctttat gaatggttct atggtgaaga gcagtcctac 240

tacaacctca gctggtgcct t   261

<210>   1454
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956853H1

528

<400>   1454

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ctacgtggaa aattgaataa ggtggtgttg gcttacagtg gtggcttaga cacatcagtc   120

attgttccat ggctgagaga gaattatggt tgtgaagttg tttgcttcac tgctgatgtt   180

ggccaaggta taaaggaatt ggaaggttta gaacagaaag ccaaagccag tggagcctgt   240

caattagtgg taaaa   255

<210>   1455
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<212>   DNA
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<223>   Clone ID: 700956885H1

<400>   1455

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ggttctaaag aggaagaagg attatgatga ggcatctgaa ggcaatgctt ggaggcttct   180

tgcagaggtg tccctctctc aagagaggtt tcaagaagtc aatgatctta tttttgaagc   240

cattggctgt gg   252

<210>   1456
<211>   270
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956967H1

<400>   1456

gctgctgagg agttcaagtc agggtggctt tatgatgtct cagacttctc tgctcttcca   60

ggaagggggca tccagtgctt tatagacggg aggcgtattt tggttggtaa ccggaagctg   120

ctggaggaaa atggcataaa tatttctaca gaagtggaaa gttttgttgt agagattgaa   180

gaaagtgcaa agacagggat actagtagca tatgatgata tattaattgg agtcttaggg   240

attgcagacc cactaaagag agaagctgct   270

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<210>      1457
<211>      267
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700956972H1

<400>      1457

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actatttgca ttgtatagtt gctcgcaact catcaaatca gatcataaca ggttcggagg     120

atgggacaac acgaatttgg gattgcnaaa gtggaaagtg tacgcaagtn attgatccag     180

caagagattt gaaattaaag ggatctgctt catgggttgg ttgtgttgct ttagatgcaa     240

gtnagagctg gttggctgca gtagtgg                                          267


<210>      1458
<211>   .  272
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956981H1

<400>      1458

caaaactata aatcaaaagc tcagagaacc catcccgccg ccgccgtgtg ctccgaccgc      60

cacctccatt cgccgtgtac tctcactccc ttaataatta ttgatttctt ctcttacttt     120

ttgctctcgc tggagttgag tgtgatggta taggttaata ggaaagaaaa actaagtgag     180

gaaaggtgaa aaaagaatta attagagtgg aagagtgtgg ttattttctg atttgagaag     240

caaataccaa agagtgaaga acaaaagaaa aa                                    272


<210>      1459
<211>      268
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956983H1

<400>      1459

cttgttcctc tcgcccagaa tccgagatca accctgaccc ctaaggccag gggttttct       60

cggcttcttc agattcctga aatggcgtct gtttcagctt tagccaagta caagctcgtc     120
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530

ttcttgggtg accaatccgt gggcaaaacc agcatcatca ctcgcttcat gtacgataaa 180

ttcgataaca cctatcaggc tacaattggt attgattttc tatcaaaaac tatgtatctc 240

gaagatcgaa ctgttcgact gcagttgt   268

<210>   1460
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956987H1

<400>   1460

tcaagattca gccaaagctt agcacttgct ccaaaacagg tctcggtgca aatactgagc   60

ctccaagcct tgacaaactc aaccctctca agcaaagcag tgaaggtgag ccatgccaat 120

tgtgacgact cattggagac ggaattccac gttgacgtga aaaacgaagg ctcaatggat 180

gggacccaca cccttctcat attctcgaaa ccacccccgg gaaaatggtc acaaattaaa 240

cagttggtga ccttccacaa gacccatgt   269

<210>   1461
<211>   266
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957024H1

<400>   1461

ccgagtcgcc atggcgtcgc aggagagtat cganaagatg caggcacggc agaattaccg   60

gaatttatgg cacaccgatc tcatgagatc cattcaggcc gatactcctt attgttgcct 120

cgcgttgtgg tgtgcaccat gtgtgtcnac cttcttcgca aacgagctct ctatgatgat 180

atgtcaaggt acacatgttg tgctggctac atgccttgca gtggtaggtg tggagaaagt 240

aaatgtcctg aatttgcctt tgcact   266

<210>   1462
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957057H1

<400>   1462

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tcgagaaact ggacaggcca ttgatcgtct cggttcccgt cttcagggcg gttactactt   120

ccaagagcag ctctctaggc atcgaactct gatgaacata tttgataagg ctcctgttgt   180

tgataaggat gtatttgttg cgccaagcgc ctccgtcatt ggagacgttc aacttggaag   240

aggatcatcc atttggtatg g   261

<210>   1463
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957073H1

<400>   1463

catagttggt gttgctgggt ggggaactgg tctcaaactc ggaagtgact cggttggtat   60

taagtataac acccatagag cactcgggat caccctcttc tgccttggaa cccttcaggt   120

ttttgctctg ctcttgaggc ccaacaaaga ccacaaaatc agaatctact ggaacattta   180

ccactacgcc gttggatact ccaccataat catcagcatc atcaacgtct ttaaagggtt   240

tgatgcattg gagacttctg   260

<210>   1464
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957091H1

<400>   1464

gaagatgttg cgaacgacaa tactgcaatt cgctgcgttg caggttttgt ttattctgtt   60

gggtgttggt gccgattaca taccgccttc gagatttgat ggcttcgtct acgggaaggg   120

gaacttgaat ttgttggata cggttttgat agaagcgttt tatgacccag tgtgcccaga   180

tagcagggat tcctggcctc cactcaaaca agctcttcat cactacgctt ctcgggtttc   240

gctccttctt cacctcct   258

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<210>      1465
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957109H1

<400>      1465

gtgagattct gaaccaagac aaagaaaggg ttaagtacat taactcaagg atctcaaaga    60

acttgggcca agatagtagt gtgagtgaat tggactcagt tacactacca gccaagtctg   120

gtagccttat tgggtctggg aattactttg tggttgttgg tcttggaaca cccaagaggg   180

acttgtcact catctttgac actggcagtg atctcacttg gactcagtgt gaaccatgtg   240

ctcgttcttg                                                          250


<210>      1466
<211>      149
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700957110H1

<400>      1466

cgaatatcgc attcgcgaaa tcatgcagga gtcggtaaaa tgcatgcgcc attcaaagag    60

aacttntctt actacagagg atgtggatac tgcacttgca ttgagaaatt tggagccaat   120

atatgggttc acatctaatg atcctccac                                     149


<210>      1467
<211>      237
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957193H1

<400>      1467

caaaaaaccc ttctttcttt caggttcatt acttgatcag tgtcaaaagg gtagttgcaa    60

attgcaatgg ctaagcatga tgttgagggt ggttccttct cagcaaagga ctaccatgat   120

cctcctccag cacctttgat tgatgctgag gaactcacac agtggtcctt ctacagggct   180

ttgattgctg aattcattgc cacattactt ttcctttaca tcacagtgct cactgtg      237
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<210>   1468
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957204H1

<400>   1468

aagattaaag attcaacaat ggcctctgct tctgctactc ttctcaagtc atctcctgtt   60

cttgacaagt gcgagtgggt caaaggccag acccttcgcc aacctctcgt gagatgtaac   120

ccttcctagc atcagctctc accatcaaag ctgcttccta tgctgacgag ctcgtcaaaa   180

ccgccaaaac agtggcctca ccggggcgtg gtattttggc gatggatgag tcaaatgcaa   240

cctgcggg   248

<210>   1469
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957304H1

<400>   1469

gtgatgttgc atatgtagag aagcgtcaca aatcaatgga ggaagcgttg ctacagggat   60

tcccatcaag caatttgaaa caattgttga ttgtatgtgc caaagccttg tctgaaaaca   120

acatgaaagg ttttgatcag ttaatagaga aggctagaag tgctgtgtct ataactgggg   180

agccaatcca gcgcctgggt gcttatttgg tagaagggct tgttgcaagg aaggaggcat   240

caggaaataa catctaccat gc   262

<210>   1470
<211>   196
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957305H1

<400>   1470

cccttacttc aatttcatca acacaaccat caatttcatc aaccatcgca taataatagt   60

attatcatga tagccgtggc ccgaaaggac atggaccgga tcaagggccc gtggngcccg   120

534

gaggaggacg aggcccttca gaagcttgtg gagcggcacg ggcccagaaa ctggtcgctc 180

atcagcaggt ccattc   196

<210>   1471
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957316H1

<400>   1471

gtaggcatag aagacatgtt tctcaaggct attgtcccaa cagacatccc agaagatgaa 60

atacctcgat acaactttga cttgttcaat actttatggg aggcatgtgg ctcatcctcc 120

agcactggcc gggagacatt tcagttgaaa ggaggcaaag ggattgctgc catcagtgga 180

actcaatcag tcaagcttct tgatgtccct gcaacctctt taatccaggc aactgagcgc 240

catttggcac attttgtcgt   260

<210>   1472
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957319H1

<400>   1472

cggggagtgg aaggaacgat tacgggttca aagcggagat agagacggtg gggaagataa 60

ggcacaggaa cataatgagg cttttgggtt acgtgtcgaa caaggagacg aacttgcttc 120

tgtatgagta catgccgaat gggagcttag gggagtggct gcatggtgcc aagggaggtc 180

atttaaagtg ggaaatgagg tacaagattg cggtggaagc tgcaaaggga ctatgctatt 240

tgcaccatga ttgttcccc   259

<210>   1473
<211>   253
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957362H1

535

<400>   1473

caattgacca ttctaacatg gtcgntcttt caactcaaac ttctggngcc ttgaccaggg   60

attggagccc aatgagtata tgtcctcctc atggaagggt gtcatcatca gangcaaatg   120

cttttaatca cgaggcaagt catttcctta ttggaagcag ttctagtaat gctcctgtag   180

atgttggagg ttttcataat gaatttggaa ctagtagaaa tcctactgct cctcaaagtt   240

ttcataataa tct   253

<210>   1474
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957372H1

<400>   1474

ggagcgtcac cctctcacat ggcggcagca accacaattt gctacggtcc ctcctcttat   60

attcttcttg gctcaaattt acttagacag ggacacttga aaaacacttc atttgctcat   120

cgttttctc cttcaagatc attcctttgt aacggatttg ttcccaggaa acctgttttg   180

ggaagaaact cgttctgggt atcaaaaacc atggatgaat ccgcgagaac ttctgctttc   240

agagatggaa aaggcga   257

<210>   1475
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957373H1

<400>   1475

ctctcttcat tccaattttg gcaccacacc atgccaaccc tcaaccatgt cctcacattc   60

acattcttcc ttctcctctc ttgccattgc cacctcctca atggccaaga ggacacctca   120

tttggccgtg ccatagacag aaaattgtta ggcctaaaga gaaaagaaaa gctcagccac   180

ttcaaatttt attggcatga catagtgagt ggccgcaacc ccacttcggt ggcggttgtt   240

ccgccaccgc cgaag   255

<210>   1476

536

<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957380H1

<400>   1476

tatcatttca tttcgataat catccatagt tactgaagaa aatggcaacc atctccgctg   60

ctatcacaac cccatcgatc acccgcgcat gtctagtgca aaaacgttct cttgggttct   120

catctcccgt tcttggtttg ccagcaatgg gtaaggtggg aagagtgagt tgctccatgg   180

aggaaaagcc ttcttctgtg aaggaaagca gctcaagcat gttggggatg ggggcatctt   240

tgatggcagc ggc   253

<210>   1477
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957383H1

<400>   1477

ccttgttctc ctgctgtgct acattgttat tggggcatgc ttcttcgtac aaagaacacc   60

ctttaataac caagctgatg ttactaacat cacacttaaa ccagccacta atgcagtttt   120

aagcgcttaa ttagtaggct ttggcctatt tcttgtcctt tcctgagatg aagaatggtg   180

gtatcgatcc aaacccaaaa tcagattcaa attcaatgga ttggttattg tttcattctg   240

atcacattgt cat   253

<210>   1478
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957394H1

<400>   1478

gtgccacaca cgtatgtttg tcaaagccaa aatttttata gaaatttatt cacctgttca   60

tatcttaatt gtatgtagaa aacaatgttt atgaggaatg atcatgaagc tcagatcaaa   120

gcattgaggt gtgaacttga agatgagtgt cggaagctgg aagaggagtt gcatcttcaa   180

537

aaaatccaaa gaagacaggc aaagggcttt gttgcagttg cagtggaaag tgatgagtga 240

caagcctaaa 250

<210>   1479
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957395H1

<400>   1479

caacaataaa agaccatgtc ggtgaaggag tgcgagcacc acaaggggaa gaagaggaag   60

atcttccggc aagtgttctg gtgcttagtg gtgttccttt tcatcgtgct ggtcacaatt 120

cttttgatat gggcaatcct tagacccacc aaacccacct tcacgctcca agacgtcacc 180

gtctacgcct tcaacgccac cgtggcgaac ttcctcactt cgaattttca ggtcacgctc 240

atctcgcgta a 251

<210>   1480
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957396H1

<400>   1480

ctgagtttag ctattgatgt tacatacatg ccatttggac tctttgaaat atgtaatcta   60

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ccttttacta gctgttttct ttaatctttta taataagatt atcctcccaa acgaatctgc 180

aatcagtttc gtggaggttt tccacatgga tttccttaat accatgatgt tgagaaaccg 240

agaaacctat tt 252

<210>   1481
<211>   147
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957401H1

<400>   1481

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gttgattgca catccttttt gctttcaggg ttggaagaat ttttgcgata aaatattttt    60

tcacccaaaa aaatggtgtt ggatccaaga ctggtgctgg tgctgttcat cggcactgca   120

ttttggccat caatggtgac acagatc                                        147


<210>       1482
<211>       252
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700957441H1

<400>       1482

gtaagtatgg tggttatctt agcagcttga gaaaggaatt tctaaagaaa aggaaaaaag    60

gtaagctacc aaaggatgca aggatgatac tcatggactg gtggaacaac actataggtg   120

gccttatcct acggtaattg aaattaatat catgaagtat atatatagca atatagctta   180

cgttatattg tgtattgctc attaacagta gtatgtgatc tgatttgatg aaatatgcca   240

aattgccata ta                                                        252


<210>       1483
<211>       251
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700957463H1

<400>       1483

gttgcttacc cttgtttatg gtttcatatt gttcatgtat cattctaggt ggagagaaag    60

gttacctgca aggcctgcat actacaagta tgttactatt atgctctctt gaatgcaatt   120

gcactgtttg cttgtggtat tacaggaaac ggcactgctt ttggtttctg gttatatcat   180

ttcacggttg tatgttacca tgccgcttat cttcccctgc tgtatataac cttcctggct   240

gacttttttc a                                                         251


<210>       1484
<211>       114
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700957467H1
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<400> 1484

cgtgggccca ggcctaagta tgcacctgct tttgccgata ccgatatgga gtacaataat   60

gttgcacctg atgggtcata tgttggtaat ggtcgattag gcagaagcca ttga   114

<210>   1485
<211>   122
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957553H1

<400>   1485

ctgcaaatgg agttgggagg aaaagatgcc tgcattgtac ttgaagatgc tgacctggat   60

ttggttgctg caaacattat aaagggaggt ttttcataca gtggtcagag atgcactgct   120

gt   122

<210>   1486
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957580H1

<400>   1486

taaagacaac cattttagca aagaaaattg gtgtaattaa attctcaatc ttctttacat   60

tttcactgtc agaactgtag cacgtgactc tttagtgaaa ccttcactcc atggtttcct   120

cattgccctt tgaagcttga actcggataa agatcgtgac tttggctgat tctggaaatg   180

ggttctcgga ttcagcttct gcctatttgc ttttggctgc acttgacatg cttcag   236

<210>   1487
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957609H1

<400>   1487

cggggttcaa catcattcac gcgataaacg cgtgggagga ggacgaggga agaacggtgg   60

tgctggtggc gccgaatatt ctttcgatgg agcacgcgct ggagagaatg gagctagttc   120

540

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acgcgatggt ggagaaggtt cggatcgagc tggacacagg gataatcacg cggcaaccgg   180

tgtcggcgcg gaatctcgat ttcgcagtta taaaccctgc gttcgtgggg aagaagaaca   240

ggttcgttta cgcggcg                                                  257


<210>      1488
<211>      251
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957614H1

<400>      1488

ttctttcgtt gtttctcatg ctgatgggaa tttgtacgta tatgaaaaga acaaagatgg    60

cgctggtgat tcttctttcc cagttgtaaa ggatcaaact cagttttcgg ttgcccatgc   120

acgttacagt aagagtaatc ctatagcgag atggcatata tgccagggtt caattaatag   180

tatttctttc tcgatggatg gggcattctt agcaactgtt gggcgagatg gttatttacg   240

agtgtttgat t                                                        251


<210>      1489
<211>      255
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957624H1

<400>      1489

ctggaggcca aattcatgta ccaatatatg tcactggcat tatcaaagtc agcaatgcgg    60

aaattgctgt tcttgacagt gatcttggaa gtgttgaaac ccaaaaaacg ctagatttgg   120

ctggaaatga tgttgtttca ctctcagcta accacttgca aaagttgcgc ttttctttcc   180

aattgacaac acctcatgat catgctttta agcctcttca ggcatttttc aagttgaagc   240

atgagacaaa gcatg                                                    255


<210>      1490
<211>      260
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957633H1
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<400> 1490

ccctcatagc atcgaatttg ttcttgaagt tcttggtatt cttcctagct tcttctcatc   60

ttagagaaag agtgagagat ggaacgaatg ttccctccta agaagccttc aactatgaat 120

tcccatgaca ggtccatgtg tgtgcaaggg gactcagggc ttgtcctcac cactgaccca 180

aagccacgcc tccgttggac tgttgaacta catgaacgct ttgttgatgc tgttgctcag 240

cttggaggac ctgataaggc   260

<210>   1491
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957650H1

<400>   1491

aagaaaggtt agagagccaa aggaagaaaa cgtgactctg ggcccagctg ttagagatgg   60

cgaacatgtc tttggcgtcg ctcgcatctt tgcctccttc aatgatacct tcattcatgt 120

cactgatctg tccgggaggg aaacacttgt ccgcatcaca ggtggaatga aggttaaggc 180

tgacagagat gaatcgtctc cctatgctgc tatgcttgct gcacaggacg ttgctgccag 240

atgcaaggaa   250

<210>   1492
<211>   237
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957658H1

<400>   1492

ctcccctctt ccccacccaa ccttctctcn atcacacaca caagtcaatg gataaaaaac   60

aacagtgtaa gacgtctcaa gatcctgaag tgagaaaagg gccttggaca atggaagaag 120

acttgatctt gatgaactat attgcaaatc atggggaagg tgtttggaac tctttggcca 180

aagctgctgg tcccaaacgt aacggaaaga gttgccggct aaggtggcta aattacc   237

<210>   1493
<211>   229

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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957675H1

<400>      1493

ggaggtgccg aagatgaagt cgactgtgcc ggagatgacg cagttgcggt agaacatggc      60

tacaggaatc gtgatccagg gttgcaacat cgtcccagaa gccgaacttt tccctacaag      120

gttccaagtg aagtcatacc ttggaaggcc atggaagcaa ttctcaagga cggttgtgat      180

ggaatccacc gtgggtgact tccttcaccc cgaaggatgg tgcccatgg                  229


<210>      1494
<211>      238
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957682H1

<400>      1494

caagaacatt agtttcactg tctgggatgt tggtggccag gacaagattc gtcccttgtg      60

gaggcactac ttccaaaata cacagggtct cattttttgtt gttgacagca atgacaggga      120

cagagttgtt gaggccagag atgagttgca caggatgttg aatgaggatg aactgagaga      180

tgcagtattg cttgtatttg ctaacaaaca agatcttccc aatgcaatga atgctgct       238


<210>      1495
<211>      57
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700957685H1

<400>      1495

acaaacttgg tttnaattgg tanaggcttg ccaaggtctt gttnantgag cgttaag        57


<210>      1496
<211>      272
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957703H1
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543

<400>   1496

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ttatctccag gttcggtgaa aatgagttca ggaggaaagc aggggggctt cgtttcgtac   120

caaaacgtct tcgtaatgag gcacggggag cgtttggaca acttcgagcc gtcgtgggtg   180

atgacggcgg cgcggccgtg ggacccgccg ctggcagagg caggtagaaa acgggcgttc   240

gaaacgggtc ggaggctccg ggagagtgtc gg   272

<210>   1497
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957710H1

<400>   1497

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aaaaagaaca aggtttatgg gcagaacctt tgttatttgg ccaagttatt tcttgatcac   180

aagaccctct attatgatgt agacctgttt ctgttctatg ttttgtgtga atgtgatgat   240

cgaggatgtc acatggttgg ctatttct   268

<210>   1498
<211>   272
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700957717H1

<400>   1498

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cccctactca caaatcagct gttctcaatc agtttcaaca gctccaaagt atgttatcac   120

ctataaatac taatttgctg tctcctaaga atgttgagca tcctcttttt caggcttctt   180

ntgggtgtct ctccttctgg anggatgtca ccaagaagtg ttgaaccaat ctctccaatg   240

agtgctcgtt tatctgcatt gctcagcgag ag   272

544

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<210>     1499
<211>     264
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700957753H1

<400>     1499

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aaatggccac ccaagtccaa actcccctcc gtcgtcggaa ttcgatgctc ctcctcccct  180

ttcaacgaca aaaccctcat ttccatcaca cctaacactt cccacctcaa tcccaaccct  240

ctcgcttgtc gctttcacgc ttcc                                        264


<210>     1500
<211>     261
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700957757H1

<400>     1500

gccattattt cctggagaaa accaagtgga ccaacttgtg gaaattatca aggttcttgg   60

tactccaaca cgcgaggaaa tccgttgtat gaacccaaat tatacagagt ttagattccc  120

tcagattaaa gctcatcctt ggcacaaggt tttccacaag cgaatgcctc ctgaagcaat  180

tgaccttgca tcaaggcttc tccaatattc acctagtctc cgctgcactg cgctggaagc  240

atgtgcacat cctttctttg a                                           261


<210>     1501
<211>     49
<212>     DNA
<213>     Glycine max

<223>     unsure at all n locations
<223>     Clone ID: 700957785H1

<400>     1501

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<210>     1502
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<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957789H1

<400>   1502

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caagtctgta gttgagaagc tactttggat ggcaattgtg tgcttggtgc tgggtgtaat   120

ttccattact cccaaggccc aagcagcagt gacatgcaac caggtggtga gcaacctcac   180

cccatgcatt tcttatgtgc tcaatggtgg caaaaccgtg cctggccctt gctgcaatgg   240

gatcaagacc ctcttt   256

<210>   1503
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957790H1

<400>   1503

gacacttttg tcccaaaccc tggttatgag gttcccattc ccggcagtgg tggaagtgtt   60

ccagcaccag ctgcaccatg agttaactca tgcatgatta atgtgatgca tggtagttaa   120

taaggtggtt atgcttaagt ttgtcttttt ctttctgttt tctagccata ataataactt   180

atcataaata agtatgctcc atgtgcacat tggtgtatat ggtgaacacc atggattgcc   240

aagtcattct gtttg   255

<210>   1504
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957804H1

<400>   1504

ctgaaacgac acacacaaaa aaaagcttta gtttaggatg acccaagtga ggaacaagca   60

agtggttcta agagattatg tcaccggatt ccctaaagaa tccgacatga acattgttga   120

aggcaccata atattgaagg ttccagaagg ttccaatgat gtccttctaa aaaatctcta   180

546

cttgtcatgt gatccataca tgcgactcct catggccaag gaccgttctt tcggagatgg 240

ctccttcacc cttgcc   256

<210>   1505
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957809H1

<400>   1505

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tcttccccat ccttggctgg caaggccgtg aagctgggcc catcagcccc cgaagtcggg 120

agggtcagca tgaggaagac cgtcaccaag caggcctcct ccggaagccc atggtacggc 180

ccagaccgcg tcaagtactt gggcccattc tctggcgagc ccccgtccta cctcactggc 240

gagttcccag gtgacta   257

<210>   1506
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957814H1

<400>   1506

aattggctga attaataata gtcacaccgg agccatcaag ttgagtggga gatgcttgcc   60

atgactgaga ttcttgaaga ataaaatatc aaatcttgac agattcagcg tgtgtgacca 120

agttagtgga aattgtactt tggaactgta atcacaaatt ccctatcact aattttaggt 180

ggtggttgta cttttaataa gtttatgtga aaaagaaaaa aacagtgctt ttgtatatta 240

ttcctagatg aattgta   257

<210>   1507
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957821H1

<400>   1507

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agccattgaa tcgtttcgtt tcggaggtgg cggatatgga cgattacgcg agcagcgacg      60

aggattacca ttacgactcc gatcaggagg actccgtcga ggcctacgaa aacgacgaga     120

attacgcctt gctttcttcc aagggcccca ctactaaggt gattacaaag gaatcactgc     180

tggctgcaca gaaggaggat ttgcgcagag tgatggacat gctatcggtg agagagcaac     240

atgctcgtac tctg                                                       254
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<210> 1508
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700957822H1

<400> 1508

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ctgcgtctct tctcaaaaac cctacaaaca aaacactctc tgcttcgcaa attcgaacct      60

ttgaatctga atcatgccgc gcaagaagaa agctcacgac ccattcttca ccaacgattc     120

ccgaaagcgc caaaaaccga ataaaaaact cgacgaagat gaggaagacg ccgagataga     180

aagcgacttt gatgaagacg gcttcttcgc cggcggcggt ggcggcggct cgggtgaaga     240

gcaggaggag gaaga                                                      255
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<210> 1509
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700957839H1

<400> 1509

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aaatctttta tttcattctt cagaccaaaa aaagaaaaag agaacattgt tcaacgaagc      60

aagatgctta gcaaccgcat atggcagagg agagctttga tctccgcccg gaccttattt     120

tctggctctg cttctcactc ttcatcatct tcccatgcga tctcgcttcg cttcgccaaa     180

gctaatgctc cttcttcttc acatgtcatt ttcaattttg cacgtgtgga cagatattgg     240

ttttctactc aac                                                        253
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<210> 1510
<211> 246
<212> DNA
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<213>    Glycine max

<223>    Clone ID: 700957890H1

<400>    1510

cacactagct atagctagaa tcccctccaa tccctctttg tctttgtgct tttctttagt    60

tctttccaaa acagcaacaa tgatgagttg ccaagcatgg cctgaacccca tagttcgagt    120

ccaatcctta gctgacagtg gcctaagctc aatcccttca cgctatatta ggccacactc    180

ccaaagaccc tccaacacca cttcttttaa actttcacaa accgaacatg atcatggtca    240

cggtcg                                                              246


<210>    1511
<211>    253
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700957896H1

<400>    1511

gactatatat atatatgcca tcagaacgtg gagttctttg tgtggtgatc ttttttttata    60

tggaatagta gagaagaaga ataataacgt agggccttgg ggcatccagt ttgttgaccg    120

gattgtggtc aactcgttta gaaatataag caatttgttc ttgtttcttg tttgtgggtg    180

catgaatcct acaattttac atttaaaaaa attgtactac ttttttctta aactgttgtt    240

gatttttcat aaa                                                      253


<210>    1512
<211>    267
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700957904H1

<400>    1512

tgctttgaga cccttaatcc catccacaaa agcactgtct ctgatgatga agatgacatt    60

gaatttgtgg ggggttcagg cacaaccaat ccaaccacaa aaaaagatgc tagcagcttt    120

caaatctttg acatcattgg ccattttgct caacccaatc cccacacagt tttgccaaag    180

acaccaatta tttgcaaacc atcagaaaat gccattgagt tggccctcaa gatagccaac    240

cttaatccac aaagaacttt gttcttt 267

<210> 1513
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700957905H1

<400> 1513

tctgaggtga ctttaattat gaatggaaaa caatactaaa aatacctaaa gaaccacatc 60

aaagttttgt cctttgtttt atattataat tttgcaatga ctatttttcc ctagtgaaca 120

gaatttctgg cagaataaat tgtgccattg ttttgcattt gtagaatctg gactattata 180

accttttatc tcctcttact gtctaatgtt cttactgctc tgcgatagat ttgttcattc 240

tttgttcact atgtttgtag tggaa 265

<210> 1514
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700957949H1

<400> 1514

gcttatagta gcaattgaca tttattagca ctgagtaaca cgcccgaata tggcaccctc 60

aatctccgac gaaatgccaa gcaccaccac ctctctcctc cgccgcaacc ggtggctccc 120

ctccagcatc aaactgaaaa caacccttttt ctcagaactc tccggcgcgg tgggtgacct 180

aggcacctac atccccatag ttctagcctt atccttagtg aacaacttgg acctcaccac 240

cacactggtc ttcactgctc tcta 264

<210> 1515
<211> 130
<212> DNA
<213> Glycine max

<223> Clone ID: 700957965H1

<400> 1515

accaattcta aggcaccaac aatcgtgtgg gacgcacgtg acctctgcga ctttcatctc 60

gtcctcaaac acggcacgtg ctacatgaca cttcatgtct tacatgcgga gggtgatata 120

ggagaatata 130


<210>      1516
<211>      261
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957966H1

<400>      1516

caacaagttg atggccaaag ctgataaaca aacaagactc agtctcacga ggtggagtgc  60

ggattggaaa agtgctactg ttctatatga gcaggcagct aatgggttta gagttgccaa  120

ggactatgag aatgccaaaa tagcatatga gaaagcttcg aaaggacaag agatgctttc  180

ttcaccttgg gatgcagcta agcacatgga atctgctgct gctctagcga aggatctaag  240

acactggcaa gaagttgtgg a  261


<210>      1517
<211>      247
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700957994H1

<400>      1517

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gtcntgttgg taacttggat tcacgagtca ccgagagaga tctcgaagac gaattccgtg  120

ttttcggagt tattcggagt gtttgngttg cacgtagacc acctggtnat gcttttattg  180

actttgatga ccgcagagat gcacaggatg ctatccgtga attggatggt atgtttagaa  240

gaattat  247


<210>      1518
<211>      247
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700957996H1

<400>      1518

aaagctatta agcccaaaca aggcaacaac tctgaatcca aatgcagcag agtttgttcc    60

ttttgccctc agatcatcgt cattatctgg aactaccagc tcggtagatg caacagcaaa   120

gctttctgct gctggagctc ttgggaaagc agttttgat agatcagaat catccatttc   180

aaataattct gatgatgagg tacaccaata ctggcgatgt cagctccctg atgatatcac   240

ccctgat                                                            247


<210>      1519
<211>      113
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700958066H1

<400>      1519

ctgtcttcnn tggngatngc cttttgcntt ttgcgttagg ccttgccgaa ttaantnctn    60

gtntcatggt tctctcgang tcaagaanaa tgtgcatgcg agagtttcna ggt          113


<210>      1520
<211>      271
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958105H1

<400>      1520

cttttgtctg aggtgtgtgc attcttgttt aactcctctt tgttcctcag acatcccaga    60

agggaaccaa aaataaaaaa taaaaaaata aacacaatca ataaagggga gaaaacaaac   120

atgtcattca caggaactct tgataaatgc acagcatgtg acaagactgt ctatgtggtt   180

gacttgttaa ctcttgaagg aattccttac cataaaaact gcttcaagtg cagtcactgc   240

aagggatgtc ttacgatgtg cacatactcc t                                 271


<210>      1521
<211>      269
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958109H1


552

<400>    1521

ctagtttagt tatctactct tttctgcatg tttgttctct caacgactcc tccgcgaaag    60

agtattattc aatattttgg ttgggttgaa tcccgggggtt gaagcgttgc agacatcacg    120

gctattctaa gagtgtctcg ctccctcatt catgtccgat ctgtacgacg gaggacgggt    180

agttgcgtaa ctgccgttaa cccttcgccg cacggtgggc gtggtgcttt gccttctgaa    240

ggtggtagcc cttcagactt gctcttcct    269


<210>    1522
<211>    269
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958116H1

<400>    1522

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gcaaaaggtt tattttttcag atacagagct taaagtgggt gatgaatctg acagtcccct    180

tttgaatttg agctactcaa aatctgccaa ccgtgagaag aaaggtcaag ctggaaatgg    240

aggcaattac aactcaaaca acactatgc    269


<210>    1523
<211>    256
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958195H1

<400>    1523

gttacttgcg atacggtatg ctagcagctc gtgcagaggc tttaaaggtt cgtgattctg    60

aaaatccttg tattttggct ggctttgatg ggtattacgt atatggagga gtgcagtata    120

aggccaaagc tcccccttct ggctcaagct tcagccaatg ccaaaatgtt gttgttgaag    180

cactccatgt taatgcaaca tgctcttaca aggattgcac tttcggaggg atatggaatg    240

gtggtggggg agctgg    256


<210>    1524

<211>    259
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958210H1

<400>    1524

attagcagca gcatatgttg ttgtttgtgg tcatccctta cagcagtgtt gatcagaaga    60

agactatata atagcctttg ctccaatcac ttcctcttgt tcatgccata aactaaaccc   120

tttctacagt tacaaatcta tgctactcca caaagactct ttttgcatga gacatcctct   180

ctcttaaaaa accccttctt cagtcaaacc tccccaatca tacttttacc atttcaccac   240

tcacactttt ctctccctc                                               259


<210>    1525
<211>    261
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958215H1

<400>    1525

aaaatatctc acgcaataac aaaccctaat aacaatgctg aagcatttca acatgaacat    60

tttcttcacg ttgcttatag ttgtcacctt agctagtttc tatgttcccc atttgaagcc   120

tagtctttca attacaatac ccttctgcat ggttgcaacc ctagcatacc aatttataat   180

gagaacaccc aacaaaattt acttggtgga ttttgcatgc ttcaagccaa gccttgaatg   240

cctgtgctcc aaggaaatgt t                                            261


<210>    1526
<211>    260
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958220H1

<400>    1526

gtcatttcca aaagagaaaa agacattttc aataccattt tttaagcctg taccaaagtt    60

tcttccgatt gttaaaccta taccaatgcc ttttccaaag cctctacctc tacctatccc   120

agttttccag aagcctatac caaagtggat tccagatgtt aagcctatac caaagccaat   180

tcctatcccg gtgttcaggc ctgtcccagt tccagtgaag ccaataccaa agccatctcc  240

aacaattgag aagccaaagc                                                260


<210>    1527
<211>    257
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958221H1

<400>    1527

gtgagataca ctaagttatc ctcataaata cactctaatt aggtggcaag ataagtgtct   60

aaccttagta acattgccac atattgtgtt cattttggaa ttgtgccact aaaattctat  120

tcaattcatc tatggctgcc tcttcttatg ctatgcaatc aatcctggca aacccttttga 180

tccgcatttc cagcgggtct agggtgaacc aatttggcgt tcctgctttg cacatgagaa  240

ggaatgttgg cctgaga                                                  257


<210>    1528
<211>    257
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958224H1

<400>    1528

atgtcacagt tgggtttatg tgcttttcgg gttggactga tttctgaagc ccatggctgc   60

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agtcgctatc atgagaagac tccagaacag gaaaggttgg aaagaagacg gcaaatgcct  180

tatcatatgc acatcaatct tgagctcctg gagacagtac atcttgtatc tgctatgctg  240

ctggaagttc ctaatat                                                  257


<210>    1529
<211>    255
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700958240H1

<400>    1529

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ggaccgttga aaaaagctga agctcatcat gatggtccca tacaattatc agcatctgcg    60

tgtgagttgt tagagacaag aaaaacgaga cctttagatg gtcggaagat caaaaggaga   120

aagccaaaca gcacctcctc agcaaattaa cataaaaaac ctctctttct ctatttcttt   180

tattattggg tatgtcttga agttcttctg aatttgaagc atatatttgt ccttgaatgg   240

aaacacgtgc tggaa                                                    255


<210>        1530
<211>        257
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700958250H1

<400>        1530

ctcggaagcg tgcattaaat ttcccgaaag gctaaaatat ccaatgcacc tttctcttcc    60

tccgatggct aatctctcac tcttgttctt cggtctcctc ctattctccg ctgccgtagc   120

caccgtcgaa cgaatcgacg atgaagacaa ccttctgatc cgtcaagtgg tgccggacgc   180

ggaggaccac cacctgctca cgcggagca ccacttctcc gccttcaaga caaagttcgc   240

caagacctac gccacgc                                                  257


<210>        1531
<211>        256
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700958251H1

<400>        1531

tattaaagca ggtcacaatt tgtaattgta attgtaattg tagtagaatg aggatgcgtt    60

cagctaaata actttaagtg ttgtgttaat aagtgttctt atcttataag agcttatgtc   120

aaaattttga tcatgaaact tactaatgtg gtctggtgat gggtgttaga attcaattgc   180

aaggtgtgag acttgagtct caaattggaa gtatgaaatt ctagtgtggg gtgtataagg   240

ctctacaact acaaca                                                   256


<210>        1532
<211>        253
<212>        DNA
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556

<213>   Glycine max

<223>   Clone ID: 700958255H1

<400>   1532

atatagccca agccctatac aaccaaaccc taacacacac ccatttgatt cagtttccat   60

ggctagcctc aaggttgcat ttttggctgc agtgctctgc atggttgtgg tgagtgcacc   120

catggcacat gcagctatca cgtgcgggca ggtgacgaat agcctgatca attgcatcgg   180

ttacctccag aacggaggaa cgccgccgtc gggatgctgc aacggagtga agagcctcaa   240

tgccgccgcc aag   253

<210>   1533
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958256H1

<400>   1533

gaaaaagcaa ctaagcatag tgtgtaagaa agggagaaaa acaagtgctg tgtagagaga   60

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agaaacatgc ccaatgacgc tggtttggag gaccagaaga acttccttgg gtatgggttt   180

tcgggagttg gcaacaatgg ccttcccttt ggtggagtgg gttctgggtt tgatggtaat   240

atgggtgggc ctt   253

<210>   1534
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958260H1

<400>   1534

ctcactcatc atgagtggct gcctcaactt gacatcagtg cattgtgcct gtgctgtcca   60

tgcgcaccgt gcattcacca ctttccctta tcctgcccat taagaagctc atgcttttga   120

tgttgaacac acttcgagga tgtgcccctt gaaagggctc agagaagtga aagaagtgaa   180

atccacccccc cttgtagatg tatgcctgca taagagagac ttgaatctag ctgattatgt   240

acatctttc ttc   253

<210>   1535
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958267H1

<400>   1535

caaaaatgcg acgcctgaac atatttggaa atcaagtttt ggtccctcct tgagtactga   60

agagcgcgag aaacggatga gacaagctgc tgggagatct ggttttgtgc aggaactgtt   120

tctttcaact ttgttaggtg aataatggaa gctgtaaggt gctttcagaa gaataatcaa   180

cacgagatcc atcgttaagg atcttgaatg aaggatacct ctagtgggat cgttggtta   240

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<223>   Clone ID: 700958273H1

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agaaagtggc tagctcttat taggaagacc ctgaatagtc ttcctggaac aagcggggaa   180

tgccacacta cttcaccgct tcctgaccct attgtagagt tagatgctga ttttgaggga   240

tcaatgaggc a   251

<210>   1537
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958284H1

<400>   1537

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aaattgcaat cttctgctgc cttattggaa ttcagatctt ataatcctca gtttggtcct   180

atgaaggaca gacacatgaa gaaaaaagtc aaaagattga aagacatggt tgagccagat   240

aaaaattgcg a   251

<210>   1538
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958288H1

<400>   1538

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gccagcagtg tccatcaaga tatgccccac aatggaggca aagggcaata ctagggcaca   180

ccgtgggaaa ccctagcggg gcaagtgaga atacaacttt gaaggtgtaa gtcactcgag   240

gagtaataat a   251

<210>   1539
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958291H1

<400>   1539

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taatatgtga actgtgaagc atttaaaatt tgatgtgaat gtgatgatat cctaaacggg   180

ttttgttgcg tgaataggta tacccactct tcgcttcagt tggtgtggct gttggaatct   240

gcggtatgc   249

<210>   1540
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<212>   DNA
<213>   Glycine max

559

<223>   Clone ID: 700958292H1

<400>   1540

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taatttactg cctgatttgc tgatactccc accaggaaca gatttacatg atcatcctct   180

tgtcaagaat ggcagtatct ttctgcaagg taaggcaagt tccatggcag caccagccct   240

tagccctga   249

<210>   1541
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958293H1

<400>   1541

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atcaagatcg ggatccaatg gtcacagtcg acattctagt gatgctgccc aaaatggtga   180

tgtgaactct gggtcaaact ccagcagccg tcgaacgcct aatcggttgc ctcctgctcc   240

tccgggtt   248

<210>   1542
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958296H1

<400>   1542

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aactgccatc aaatcatggc attcaaaggg acaaatatgc ttcataaaac ggtgcctcaa   120

tgtcgggtca tcaatactca attgtgagaa atttgtatac aaaaaagtga atcgtgaaag   180

gggaaaaccc tagctttctt gtcgccatct ttttttcat tcaacctagt ctgtacatgt   240

atcgacttta gg   252

<210> 1543
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700958323H1

<400> 1543

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tctgttggag ctcatcgaga agtacaaggt gacggttgcg tcgtttgtgc cgcccatcgt   180

tttggcgttg gttaagagcg gagagactca tcgctacgac ctgtcgtcta ttcgcgctgt   240

ggtca   245

<210> 1544
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<212> DNA
<213> Glycine max

<223> Clone ID: 700958326H1

<400> 1544

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gaaggtggag agcgagatgg atgatagaga atatgagtat gattatgaaa atgatgtgtc   180

ttatcaacaa ggtggagcat tggtcaggtt aagaggttcc tctaggtttg catcaatgta   240

c   241

<210> 1545
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700958330H1

<400> 1545

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561

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cccttcttac aactacaaca acttgttaga aggtggtgga ggcaattggg gctatgcaga    180

tttcaacctt gaaaaagaag accgaacttg tgtcccttttt cttgcgaacc aaacagagaa    240

ttatcct                                                               247
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<210>   1546
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958345H1

<400>   1546

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attgagatgg aagtctctgg gcagaatatt gtgaaatgtg atgaagagaa agcattgaag    120

tgcttgcttg atgcctttgg ctcagttttt tctcttgaag agattgcttc tgcctattgc    180

aaggcgagcc gcaatgcgga cttggctggg gaaatgttgt atgaaatgaa gggaagttcc    240
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<210>   1547
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958357H1

<400>   1547

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agcactagta ctctaaaagt ctattatatt cttcaaaata tgaccatgca tcgcgagtct    120

tgggcttttg tcttcggcgt tatgggcaac atcatctcct ttggagtgtt ccttgctcca    180

ttgccaacct tttaccaaat ctacaagaag aaatccactg aaggtttcca gtcacttcc    239
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<210>   1548
<211>   246
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700958366H1

<400>   1548

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cacctgcacn gaacaatggc ctctgcatca gcatctcttc tcaagtcttc acttgttctt    120

gacaagtctg agtgggtgaa gggacaaaca cttcgccaac cttctgctgc atcagttgtg    180

agatgcaacc ccaccacccc atcaggcctc accatcagag ctggttccta tgctgatgag    240

ctcgtt                                                                246
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tttcaataca atattgctct ctaagctttg attcttctta attcataccc ttcccacact     60

cattcattgt tgtgcgtctg gttttctgcc tgaaatggag tacatgaacc agagaccaaa    120

atatgattgc cttctttttg atttagatga tactttgtat ccactaagca ctggtcttgc    180

aaaagcatgt ggccaaaaca ttaaagacta tatggccgaa aagcttggca tagagaaaag    240

c                                                                     241
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cgcagagaga gagagatcca tcgatcaatt aatttccaat ggccgatcag ctcaccgacg     60

aacagatctc tgagttcaag gaagccttta gcctcttcga caaggacggc gatggttgta    120

ttaccaccaa ggaacttggg actgtgatgc ggtcgcttgg gcagaaccca actgaggctg    180

agctgcagga catgataaat gaggttgatg ctgatgggaa tggtaccatt gatttccc      238
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<400>   1551

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accggcaaga ccatcaccct tgaggtggaa agctctgaca ccatcgacaa cgtcaaggcc   120

aagatccagg acaaggaagg aatcccccccg gaccagcaac gtctcatttt cgccggaaag   180

caacttgagg acggccgtac ccttgctgac tacaacattc agaaggagag tactcttc   238

<210>   1552
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958380H1

<400>   1552

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ctcatgcaac aaatggcaaa gagattgaag taattgattt agaaaatgat gattccattc   120

aagaagagaa gtcaatcgac aatatggata gaaagacaga gactatgttt cctggccttg   180

aaggttttc tagccatgct caaaatgctg ctgacatgca tgatgttcag gatggatatg   240

ggctt   245

<210>   1553
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958387H1

<400>   1553

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agtttaagta atcatgggta aggaaaaggt tcacatcaac attgtcgtca ttggaca   117

<210>   1554
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958394H1

<400>   1554

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cttcaagcgc gagtggaaac gcaactggcc cttcctcgtt ggattcgcag tcaccggagc   120

tctaatcacc aaactttccc ttggccttac cgaggaagat gctaagaatt ccaaattcgt   180

taaggcgcac aaaaggtgat ttctgaatcg tgacatctgc ctggctttgc actttatgtt   240

<210>   1555
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958421H1

<400>   1555

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tgacacaccg gacaacaacc ctaaacttcc atgggaattc accgaggcca atcaagcaaa   180

ggttaaggag attttgtctc actatccatc caactataag caatctgcta caattcctct   240

tttggatctt gcccagcag   259

<210>   1556
<211>   261
<212>   DNA
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<223>   Clone ID: 700958423H1

<400>   1556

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actgtgcatc gatcgatcgt tggttcttga atttcccttg tggttaggtt tcctcgatgg   180

agtcggagga tgatatgccc gacgccaacg acatcgagtc cctcgacgac gatttctaca   240

gtggcgagac cgaggacgct c   261

<210>   1557
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<212>   DNA
<213>   Glycine max

<400>   1557

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tgtatgttgg taacttggat tcacgagtca ctgagagaga tctcgaagac gaagtccgcg   120

ttttcggagt tattcggagt gtttgggttg cacgtagacc acctggttat gctttattg   180

actttgatga ccgcagagac gcacaggntg ctatccgtga atggatggta tgttcagaag   240

aattatgttg ttg   253

<210>   1558
<211>   248
<212>   DNA
<213>   Glycine max

<400>   1558

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gagatccttc acgttcaggg agggcaatgc gggaaccaga tcggttcgaa gttctgggaa   120

gtggtgtgcg acgagcacgg catagatccg acggggaagt acgtcggaaa ctcagatcta   180

caactcgagc gcgtgaacgt gtactacaac gaagcttcct gcgggcggtt tgtcccacgc   240

gcagtgct   248

<210>   1559
<211>   241
<212>   DNA
<213>   Glycine max

<400>   1559

acgaaatgaa acttgcttct ttgatttctg gtttcactga ttacactcac ctcctctcta   60

ttaaggacaa tgtgatgagg gaagagaaga caattcctac aaggaagaat gaagtgaagt   120

ttttcaagag cttggctcct cctcttgtgg ctgctttttct agtcttatct ccaatttgca   180

gcactccagt ttcaagtgct caaaccgtag atattcagag aggaaccaca ttgtttcgtc   240

<210>   1560
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958508H1

<400>   1560

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gcgctaccaa gatcagatgg ttccaagcat cacttcttcc ttgttgagag tggaagagga   120

agaaacgtct tctgatcttc gaaactcagc agaagagagc agcagagctg aagtgccagt   180

aactgcaaat gcacaacaaa atgcaggagt tgcattgaac gaacggatgt tgcagaccac   240

ta   242

<210>   1561
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958510H1

<400>   1561

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tcggagagag gatattgata gaacgacctc aacgagcaag gtcaggaggt ggagtactag   120

aacatggatt cggtgccttc gaattcgcat ggaaacctcg atgagcagat ttctcagctc   180

atgtagtgca aacccttgtc cgagcaagag gtaagggtct tgtgtgataa ggcaaaaga   239

<210>   1562
<211>   238
<212>   DNA
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<223>   Clone ID: 700958512H1

<400>   1562

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atcaaggtcg aaagtttcag gcgaatgccg agggagattc cgacgagctt gtagatcctc   180

cgaaggtgga ggacaagatc ggtgctgtgc ctcatggcct ttccaccgat tcagatgt   238

<210>   1563
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958513H1

<400>   1563

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tttggtagaa ttgggaattt attaagacag acagcaagca ggcaggttag ttcagaattg   120

cgatcatccc cttcgttttt tcaggctata cgcagtatgt catctgctcc aagcacaaag   180

ctgtttatcg gaggtgtttc atattctact gacgagcaaa gtttgaggga agctttttc   239

<210>   1564
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958516H1

<400>   1564

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cccgagaaag gggaagaaaa acaccaagag aaaccctaga aagcaccaaa atccaaaaca   120

aactcaatcc cgatcccgat ccgatccaac gaaatggatc attacaaggt tctcggcctg   180

caccgaaccg cgaccaagga agagatcaaa gcggcgttca agaagctagc gttccagttc   240

cacccgg   247

<210>   1565
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958523H1

<400>   1565

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caagacgacg gcaaggacta ccaggagccg gcgccggcgc cgctggttga cccgacggag   180

tttacgtcat ggtcgtttta cagagcaggg atagcagagt ttgtggccac ttttctgtt    239
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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958524H1

<400>      1566
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tcagtatata cttgaaacca gtgtctatcc aagagagcac gagtgcttga aagagatacg   180

caagatgact gcaaaacacc cactgaacat catggcaaca ccagcagacg aaggacaact   240

t                                                                    241
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<210>      1567
<211>      233
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958543H1

<400>      1567
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ttggacttgt gctcttgtag tttgatacta ttcagttttg gtttcactat gtaattggta   120

aaaccattca tttgttttgt tttattagct tgttgtttca acattatttc ttgttccttt   180

caaatattgg caattaacat attaggtttt cagggtatgt gagagcccat ctt          233
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<210>      1568
<211>      235
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700958556H1

<400>      1568
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caaaatcctc ttcttggaga aaacacatgt ggttccttgt taaaaaagct tcaggaaata   120

tgggatgagg ttggtgagag cgatgagcaa cgagacaaga tgcttcttca gttagaacag   180

gagtgcttgg atgtgtacaa gagaaaggtt gagcaggctg caaagtcaag ggcgc   235

<210>   1569
<211>   231
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958560H1

<400>   1569

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gaactgcaac ccaaatggga gaaagggttc ttttatattg ctaagtattg tgatgaagtg   180

cttggtgatg ccaggaaacg ccaggaggaa ctgcttggtg atgccaggaa a   231

<210>   1570
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958566H1

<400>   1570

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ggtcaccgtc gtcacaaccc ctgccaacca ctcattcatg ccgaatctc taaacggcac   180

cgtcgcctcc atcgtcacgc ttccattccc caccgccacg aatatccccg ccgg   234

<210>   1571
<211>   232
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700958582H1

<400>   1571

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aagtgagaaa ggggccatgg acaatggaag aagacttaat cttgatcacc tatattgcca 120

atcacgggga aggggtttgg aactctttgg ccaaggctgc tggacttaaa cgtaccggaa 180

agagttgccg gctccggtgg ctaaactacc tccgtcctga tgttagaaga gg 232

<210>   1572
<211>   230
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958586H1

<400>   1572

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gaaagatcca gatcaagagg atagagaaca ccaccaaccg ccaggtcact tattctaaac 120

gacggaatgg ccttttcaag aaggccaacg agctcaccgt tctatgcgat gccaaggttt 180

ctattattat gttctccagc actgggaaac tccacgagta catcagcccc 230

<210>   1573
<211>   227
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700958592H1

<400>   1573

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acttctgtgc tggtgtgtgt gcctcaacag tgcacaagtg gaacaagctg aacgcgggaa 120

acgtngggga ggacgtgang gtgatgacga ggaagagcgt ggatgacccc ggtgaaccgc 180

cggggatcgt cctcagtgcc gccacctcgg tgtggcttcc cgtctcg 227

<210>   1574
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958595H1

<400> 1574

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acttctgtgc tggtgtgtgt gcctcaacag tgcacaagtg gaacaagctg aacgcgggaa   120

acgtggggga ggacgtgagg gtgatgacga ggaagagcgt ggatgacccc ggtgaaccgc   180

cggggatcgt cctcagtgcc gccacctcgg tgtggcttcc cgtctcgcca ca   232

<210>   1575
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958607H1

<400>   1575

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gcagctcgtc cgtgttcatg ccatggaggc agtgatggct tgttgggatc tggagcagtc   120

tctgcaaagc ttgacaggtg atctcctggt gaaggaacgg gtgcaacaat gtcagacgat   180

gaagatgacc aggcagagag caatgccaac ttatacgaag gaagccttga tggggggtgaa   240

atcttggatt tggtcctctt   260

<210>   1576
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958618H1

<400>   1576

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cgagtcaagt acaaagataa tcttatgtcc caaatcctca ggctgagaca tcagaaattt   180

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ggcaaacacc tcatgcggct tacatg   266

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<212>   DNA

572

<213>   Glycine max

<223>   Clone ID: 700958619H1

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caacatccct acgtgcaaca tacccagttg acaaaccaag caacagtccc atggagtcaa   180

tccttaacat gttcgattca tggagcaaaa aagctgaagc caccgcacac aacgtctggc   240

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<210>   1578
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<223>   Clone ID: 700958623H1

<400>   1578

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tagtcccagt gataaaccag atctggctca ggacatcatg gtgatataca agtctcctga   180

gtacttgcaa caaggaagaa ttacaaagaa gactgatgtg tggtgccttg gaatactaat   240

tcttgagatt ctaactggg   259

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958632H1

<400>   1579

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gttgtgcaag acgaggtgca gtgcacattc gagacccaac ttgtgcacta gggcgtgtgg   120

cacgtgctgt gtgaggtgta atgtgtccca cctggcacat ctggaaatag ggaactatgt   180

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aacccattgg gaaatttgtg ctt   263

<210>   1580
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958648H1

<400>   1580

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tttgacagat ccgtattctc tttccttcaa aatttcgaag aaattaataa tttacgggat   180

gtatatctgt tcttcgagat ctttagattg aattgtgcaa atatagtacc aacatcccac   240

cggtagttgc acgagtagg   .   259

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958682H1

<400>   1581

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gaacatgacc cggtacccat atttattatt acgtggtgtc attgctttgt agaagtggtc   120

cgcgggttat ttaacgcggt acgatgcgtg tacatctgta aatcatgagt agaagacgat   180

tttttatatt tgtgcagaat t   201

<210>   1582
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958701H1

<400>   1582

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gaagtatgcc caagtgccga atggaagtgg tctagaacta ctgtagttta tgatgcttca   120

tctgatcatc tcattccttt ttatcccctc tcttttttgga aacattggtt caaccactgg   180

gagttacttg caacttagag ctgcaaatat tcacaataga ccaatttctg gtttaagagg   240

agag   244

<210>   1583
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<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700958710H1

<400>   1583

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aggaaatgga ccggatcagg gcccgtggng cccggaggag gacgaggctc ttcagaagct   180

cgtggagcgg catgggccca gaaactggtc cctcatcagc aggtccattc cgggccggtc   240

tgggaaatt   249

<210>   1584
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958718H1

<400>   1584

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gctctttgca gtcacatgaa aaacactatt tttcctcgtc aacaaggatc aatagaatac   180

agttgtcaag acatagactg gaacatggac atctgaacta tagatgtctc cacacacaga   240

ga   242

<210>   1585
<211>   244
<212>   DNA
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<223>   Clone ID: 700958722H1

575

<400> 1585

cttttttgatt cctaaattct ctaaaattcg aaattctaat ttcgttaggg gaaagagatt   60

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ggaacgacgt actttgcgtc ggcgtgtggc aacacgatcg tgttgaaatc atagccaacg   180

atcagggtaa cagaactacc ccatcctacg tggctttcac cgacacagaa cggttgatcg   240

gcga   244

<210>   1586
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958731H1

<400>   1586

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caccatcgat aacgtcaagg ccaagatcca ggacaaggag ggtatccccc cggaccagca   120

acgtctcatc ttcgcggaaa gcagctcgag gacggccgca ccctcgccga ctacaacatc   180

cagaaggaat caacccttca cctcgtcctc cgtctccgtg gtggcatgca gatcttcgtt   240

aagaccc   247

<210>   1587
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958732H1

<400>   1587

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ggactaccag gagccgcgcc ggcgccgctg gttgacccga cggagtttac gtcatggtcg   180

ttttacagag cagggatagc agagtttgtg gccactttttc tgtttctcta catcaccgtc   240

ttaaccgt   248

576

<210>   1588
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<212>   DNA
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<223>   Clone ID: 700958741H1

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ctgtgttctc tgcaactgac cccaagagga atgctagaga ttctcatgtg ccggttttgg   120

ctccacttcc aattgctttg ctgtgttcat ggttcacttg caaccatcc cagtaacagg   180

cactggcatt aaccctgcta ggagtctagg agctgctgtc atgtacaacc aacagaaggc   240

ctggga   246

<210>   1589
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958757H1

<400>   1589

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tcagattctc tcttcagctc cctcggctac cgcgccgtcg ctcccgatct ccgtggctac   180

ggtgacaccg aagcaccacc ttcaatcagc agctacaact gcttccacat agtgggtgat   240

ctcgt   245

<210>   1590
<211>   244
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700958780H1

<400>   1590

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nagggaccat ggatcatgga agangacttg atcttgataa actatatngc aaatcacggt   120

gaaggtgttt ggattcttta gccaaagctt ctggtcttaa acgaacggga aagagttgtc   180

gactccgttg gctaaactac cttcgtcctg atgttagaag aggaaacatt acacccgaag   240

aaca   244

<210>   1591
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958815H1

<400>   1591

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ctacttcaag agatatcaag tcaagttcaa gagaagaaga gagggaaaaa ccgattaccg   120

tgccaggatt cggttgatta atcaggacaa gaacaaatat aacactccga ataccgatt   180

tgtggttcgc tttagcaaca aggacattgt tgcacaaata atatctgcta gcattgccgg   240

cgatttagtt ctt   253

<210>   1592
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<223>   Clone ID: 700958821H1

<400>   1592

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cttaatgttg atagaaaaac agctgacaaa ctggtgaagc cccctccaca caa   113

<210>   1593
<211>   254
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<223>   Clone ID: 700958834H1

<400>   1593

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ctcatcacac gtggcattga gaagacagcg aaagctcttg tatctgagct taaacagatg   120

tcaaaagagg ttgaagatag tgagttggca gatgtggcag cagtcagtgc agggaacaat 180

tatgaagtag gaaatatgat tgctgaagca ttgagcagag ttggtagaaa gggtgtcgtg 240

acccttgagg aggg 254

<210>   1594
<211>   247
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<223>   Clone ID: 700958840H1

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gaaaagtgta gatgagaatg gtgatggtag caagagagtt atttctctgg gtatgggtga 180

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acttcag 247

<210>   1595
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<223>   Clone ID: 700958847H1

<400>   1595

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gcaagctcaa gtctcaccgc aggaggcaaa ggtgggctga taagtcatac aagaaatccc 120

atcttgggaa tgaatggaag aaaccttttg ccggttcatc ccatgccaag ggaattgtcc 180

ttgaaaagat aggtattgaa gctaagcagc ccaactctgc tattcgtaag tgtgccagag 240

ttcaactt 248

<210>   1596
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<212>   DNA
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<223>   Clone ID: 700958848H1

<400>   1596

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gaaacaatta gaagatgctt cctttcctga tactcagctg catgaatatg tgcagggaga   120

agagcatggt catgacaaag agagtgggca aagaaaggt cgtagccggg gccggggtaa   180

gggacgtggc cgagtacatt gtcatcaaaa taatcgtgtg gaacaccct cttcaaataa   240

tacaattt   248

<210>   1597
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<223>   Clone ID: 700958851H1

<400>   1597

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aagagcttaa atcaaagagg agctacaggt tcattgtgtt caaaattgaa gaacagcaag   180

tggtggttga gaaattaggg gatcccacgg aaagttatga ggactttatg ccagttttc   240

cagctaatg   249

<210>   1598
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<223>   Clone ID: 700958867H1

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agtataacat gcatgatggc agggacatca aggaaatcct tcaagaagtt gatggagata   180

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ttatgaca   248

<210>   1599

<211>   163
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700958885H1

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ttggcccttt tgtgcaaggc ttgaagccaa gggcanggga atcctncaac accaccaggt   120

ggttgcagag tttgaagaaa tccctgagga gagcagaaan ana   163

<210>   1600
<211>   239
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<223>   Clone ID: 700958887H1

<400>   1600

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tcgtggttat ggtggataca acactaggtg ggctatgttc ttactgggcc atctcttccc   180

tctggactca actaaaccac ctactgctac cacaattttc tttggcgcta atgatgcag   239

<210>   1601
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958906H1

<400>   1601

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tccaagagct gccaagtact ctgtctatgt gacagtcttt cagtcgcttt tcttgggaat   180

cttttttcatg gctattattt tggcgactag agattattat gccatcattt ttacaaacag   240

<210>   1602
<211>   184

581

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958908H1

<400>   1602

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ggtttctgtt gattacattt gcagaacggt cgatcatttt aaataaatta aaataattta   180

tagt   184

<210>   1603
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958914H1

<400>   1603

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ttccttgcat gatcaccact accactcttt cttattgcga gttgccaatg atgctgatag   180

gagtgaaatg tcatctgata ccgcaaccga ggcatcgtat tcagaagctg ataagatggt   240

tgatggta   248

<210>   1604
<211>   253
<212>   DNA
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<223>   Clone ID: 700958916H1

<400>   1604

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gatgttgaaa ggttatggta aagtagaaca ccacctcgaa gatcatcgta accccaaacc   120

caaacctaaa ttctcaaaac ccttcatcgc cgcaatttcc gtcttcgcaa tcctcttcct   180

tactctcacc ttcgcattcg ccctagcatc catgctccac cacagtcacc acaccgagtc   240

acaacaacaa ctt   253

<210> 1605
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700958920H1

<400> 1605

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caaggaaagt tacagttctt cctcttgtgt ttctcatctt ctatgaggtt tcaggggggc 180

ctttcggggt ggaggatact gtgcacgcag caggtcctct gttagccctc attggattct 240

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<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700958922H1

<400> 1606

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ctggcagtgc agccaaacaa caagtcggag aagtctgttc ctatgaataa cagctctatc 180

gatccctttg ctgctgttcc tcttaataat tttgatggat ctgatatttt tggtgatttt 240

<210> 1607
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700958923H1

<400> 1607

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tgggggctgg tggccgaact gctgttcctc ctgccaacag gaagtcagag gctgaccctt 120

tgaagcgggt accatttgaa aaacctcagt ttagtctcag ccagattaag aaggccattc 180

cacctcactg tttccagcgc tctgttctcc gctcattctc ctatgttgtt tatgacctca 240

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<223>        Clone ID: 700958941H1

<400>        1608

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atggtcattc tcctttgcct ccattgaaga gcttcatgtc agcaaggagg catcttttgg   180

agactcagaa gaatataaag gcggaagttg cgagccctca aagatggaag gtgccccctg   240

gtg                                                                 243


<210>        1609
<211>        240
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<223>        Clone ID: 700958950H1

<400>        1609

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cgctggcaag tatattgcat caattgccaa tgtaagctag ttactcctat ccggtatggc   180

actaaaataa tcaccaaaac atgaaactct tatatgactg gaaaaagtta taagtttgta   240


<210>        1610
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<212>        DNA
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<223>        Clone ID: 700958956H1

<400>        1610

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atcagccatc acggaggacc aaaaccctag cagggtcgcc aacgacaaca acgacgacga   120
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agatctcgaa gagggggaga tcccccgacga cggtgacgac ggcgcctccg ccacatcaaa   180

gcctccgtcc gccctcgtcc gcaacccccca ccctctcgag aattcctgga ccttctggtt   240

c   241

<210>   1611
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958965H1

<400>   1611

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attcggatac aggggtgagt gaagaaaaaa gacatgcatc ctaggactag gaaggtgttg   120

tacagcttgg ggttgaggag aaggttcagt gctgtgtttg tgaagccaag tgagggaata   180

atggccaagc tgcagagggt ggaaccatat gtcacctatg gatatcctaa tcttaaaagc   240

ata   243

<210>   1612
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958971H1

<400>   1612

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gaaggcaaag cggtcagaac gagccgagtt gatttctcag gtcaagtctc taagaggcga   180

cagtaggcaa tttcagagta ttgtggatga gaaattgaaa gagattggac ctctgc   236

<210>   1613
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958973H1

<400>   1613

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ctttctgcgg ttacgattct cttcaccgtc ttctcaagga taatcttaac ccccatcact   120

tccaggaagt cagccgtttg cttactgggc ttaattgtgg aaaagcactt gaagcagttt   180

ctctcccaga atctgcaact tccctctctg cggaacatgg ttttgacatc caggcctttt   240

<210>   1614
<211>   118
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<223>   Clone ID: 700958976H1

<400>   1614

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aagttgtaca attatttttt gtctttattt ttctattaat ggatcctgtt tttaacgc   118

<210>   1615
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<212>   DNA
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<223>   Clone ID: 700958980H1

<400>   1615

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ggaatgaaat tttggccctt ttgtcaaggc ttgaagccaa gggcaaggga atcctgcaac   180

accaccaggt ggttgcagag tttgaagaaa tccctgagga gagcagaaag aaactccaag   240

gtggtgt   247

<210>   1616
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<223>   Clone ID: 700958982H1

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catactcgta cttgagatga tattggataa tctcaacctc aattttcctc aataaacaat   120

cactttcact tttttctct cctcttcatt tctgaactca tccccatgga tccctttgat   180

ttgatacgcg aagggtttgg ttgaggctga ctggacatgt gctgttacta cttttaaa   238

<210>   1617
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958985H1

<400>   1617

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gttattctca ggtgtacgtg taggctcgcc aacgctgtct ctgctggcac cattctcgct   120

tctagacagg tgagaaggaa gcttgtagaa gattggttgc cggttttggt tgtatgcaaa   180

gataatgttt caccaatatc acccagcaac aaatcgttgt atctggaact ggaag   235

<210>   1618
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<213>   Glycine max

<223>   Clone ID: 700958992H1

<400>   1618

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tcacaatatt tttctcttta tttctacttg actttggttt tgcacaacag ggggatcttg   120

acatatcaag atttggagga aaaccaaata caaatatagg ccaggctttc ttaagtgcct   180

ggactcaagc atgtgcatca ccaactgctg tcaaaattgt gattccagct ggcacatacc   240

<210>   1619
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958993H1

<400>   1619

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ttggtagcat ggcaatgcca tgcgtacgat atgttccctc tccgaatgaa cactggctat   120

ggtgcccgta ctccggaggt gaaatgcgca agttggaggc ttgctgtgga agcacacaac   180

atctttggct ttgagaccat tcctgaagag tgcgttgaag caacaaagga atacatccat   240

g   241

<210>   1620
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958995H1

<400>   1620

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ctgatacctc cgccatcagg atccaattag atcaactcaa ttccaagatc caaattctcg   180

agtctcaaat cagcgaaaag ttggaagaag tgaagaagaa ggacgaaatt atagcagaaa   240

aaga   244

<210>   1621
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959005H1

<400>   1621

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ctttacatta agatgcaaat agcaatattc aagcttgagc aaggtgatca aaaggaatgc   120

aagaaacttc tagaagatgg gaagagtaca ctcgacagca tgacagatat tgatccatct   180

gtatatgcta gctattactg ggtatcatct cagtttcata agacatgcca agaatttgct   240

gagttctaca aaagtgccct t   261

<210>   1622
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959007H1

<400>   1622

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atatgctgac catgatctta tgtaggtcaa gaaatcatcc aaatccatca ttgtttccgt   120

cacaaactca aagggtcctg tgtgatcagc tccatccacg ggctcaaatg gaaaatcaat   180

gcttctataa ttgtcatcaa cccatttacg agctgggtcc caataagggc ttacattagt   240

ggaatagaat tggtcaaaga   260

<210>   1623
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959018H1

<400>   1623

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agcaatgatg aaaaatattc taaatgaggc tcgaaccaca atgaataaac caaattgggt   120

caaagacgat gtttgggaga gattatgtga gcattggaaa tctgaagaat taaaaaagaa   180

gagcacccaa gctaatatga gtaaagagac tggcaccctt cctactccat ggacttgtt   240

tcgtctcaag catcaacttt ca   262

<210>   1624
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959046H1

<400>   1624

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atctccaatc cctcagcaaa acgcagcaaa tgggtcggct taatctccta cttgtgtggt   120

cactctcatt aacactgtcc ctttattatc tacacccaat ctctgctcag ctcagtccaa   180

accactatgc taaaacatgc cccaatcttg aaagcatcgt tagacaggcc gttaccaaga   240

agttccaaca aacctttgtc accgt   265

<210>   1625
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959050H1

<400>   1625

tctagagcta acttgcctga tcgcagtatt ctggataaaa aggatgaaaa agatacatca   60

aaaactgctg ctatgatttt acaatatgaa tatgaagatg agtatgacga ctctttttgat   120

gacttgggtc taagtgtagc agactctgga gtagaagaaa atgagacatt gagcgaccaa   180

ataacgcaaa gtcagggaat tcgtgggcaa caggggggtaa ctctgtcaaa aatgcccctg   240

attcaaaatg gggctcca   258

<210>   1626
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959063H1

<400>   1626

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ttacctttttc ttgctcaaac caacgacgct aacgctgaaa acaatctcta cccgtttgtt   120

tttctaaacg tcgatggcaa ccttttttatc tttgccaaca accgcgctat cttgttcgat   180

tacaataaga acagtgtcgt gagaacctac cctcaaatac ccggtggaga tccacggtgt   240

tatcctagca ccggttccgc agtt   264

<210>   1627
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959072H1

<400>   1627

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tagtcattgc ggtcgataag cagaccaagg ttgttcccat tcagctttca gattccttac   180

cacctttgga tgttcctctc actgctaagt ggcatcaaat gtctgccatt gtgtactttc   240

tggtgaccaa tgc   253

<210>   1628
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959082H1

<400>   1628

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tttcggtgtg gccaggctca tgcgacacaa agacaccaag gagcttgttg ccatgaaata   120

cattgaacgg ggtcacaaga ttgatgagaa tgttgcgagg gaaatcataa accatagaag   180

tcttcggcac cccaatatta ttcggttcaa ggaggtggtt ctgactccaa cccatctggg   240

tattgttatg gagtat   256

<210>   1629
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959083H1

<400>   1629

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gctaacttac ttggcaacat tgtttccaat gtcacaaata gaaatctccc acctgctgct   180

ggacccttgt attacaatca atcaggcccc ttgatgcctc ctctgtgcaa tccatttaac   240

aatgatctca caaatc   256

<210>   1630
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959098H1

591

<400>   1630

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ccctgcaaca caatcaatgc ctgcaaaata tagcaatatt gcttcttcaa ttggtggtcc   180

cactataaac atgtcagagg ctctaagggc aaataacatt tcaacacctc aacctaatcc   240

acaagccctg cctggtg   257

<210>   1631
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959094H1

<400>   1631

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gtacaagtct gaggatgaag agcacaagaa gaaggttgag gccaaaaacg ctttggaaaa   120

ctatgcatac aacatgagga acaccgtgaa ggatgacaag attggtgaga aacttgaccc   180

ggctgacaag aagaagattg aggatgcaat tgagcaagca atccagtggt tagacagcaa   240

ccagcttgca gaagcagatg a   261

<210>   1632
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959106H1

<400>   1632

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gtgagaaagg gaccatggat catggaagaa gacttgatct tgataaacta tattgcaaat   120

cacggtgaag gtgtttggaa ttctttagcc aaagcttctg gtcttaaacg aacgggaaag   180

agttgtcgac tccgttggct aaactacctt cgtcctgatg ttagaagagg aaacattaca   240

ccc   243

592

<210>   1633
<211>   127
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959129H1

<400>   1633

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ctcagcgttc ccatggaccc gccaccatct tggccttcgg caccgccacg ccgtccaact   120

gcgtctc   127

<210>   1634
<211>   153
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959153H1

<400>   1634

caggagagaa aaattttccc attttatccc ttcagcttgc ttcatttgca ttcgacttgg   60

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ctccaaaatt gaggcagaaa gaggatagaa gtg   153

<210>   1635
<211>   120
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959159H1

<400>   1635

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cagcaggaat tgctggaggc tcatgatggt gccagtaaag ggaaatatac tattggactt   120

<210>   1636
<211>   121
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959161H1

<400>   1636

ctgattctga ggaggagctg aaagaggcat tccgggtttt cgacaaggat cagaatgggt   60

tcatctctgc tgctgagctc cgtcatgtga tgaccaacct cggggagaaa ctcaccgatg   120

a   121

<210>   1637
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959180H1

<400>   1637

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ctgaatctga aggtctaaaa aattccatag attttcttgg tgtgaattac tacaccactt   120

attatgcgga acatgctgaa cctgtcagtg ccaaccgaac cttctacaca gacatactag   180

ccagtctcag tacggaaagg aatggtctac atgttggaac cccgactgat ttgaa   235

<210>   1638
<211>   233
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959188H1

<400>   1638

caaaaaagaa aatgatgctc ggagagcacc atcgcgcgaa tccaacggtt cacgtgccac   60

cgtggccaac ccacgacgat ccaacggccg agatgtactc cgcgttttta caaacgacg   120

tcaatgctgg tgagtactct ccgtactatc ttcaagaagc actaacggct ctgcagcgtt   180

ttctgccgtc taacgaaacg gacgctgact cggacacgga ggctcaaccc gac   233

<210>   1639
<211>   118
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959196H1

<400>   1639

gacaaaccca acattgtcac tggagccaac gttcaggttt gctgggagaa atttgcaagg   60

tactttgagg tggagttaaa ggaggtgaag ctccgtgatg attattatgt aatggacc   118

<210>   1640
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959201H1

<400>   1640

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tgttttatgg acctggtgga ccttatgccc tatttgctgg caaggatgct agcagagcct   180

tagcgaagat gtcttttgaa gagaaagatc tgactgggga tatttctggt ctcggcccat   240

tcgagattga tgccttacaa gactggga   268

<210>   1641
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959203H1

<400>   1641

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cctttaggca tgaacaacgt tgagagagtg caccaagtgg aggttccacc acctcaaccg   180

tttttcaagt ctcttaagta ctctttgaag gagactttct tcccagatga cccttttgagg   240

cagttcaaga acaagccagc ttcc   264

<210>   1642
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959206H1

<400>   1642

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ttacttagac catatatatt ctatgacatc agacatgggc gcgagtctca cagaggtgga   180

tcagtgtctt atcaaaacat acatgaagca caattttgtc tccgactgta tgagcatgtt   240

cagaaaacag tgaagtcttt gg   262

<210>   1643
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959210H1

<400>   1643

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caaacttccc tcatgaccag ctgcaccctc ctctggaagg agctctccga ccacttctcc   180

tccctcgagc aagacctcaa ccacaaatcc gaagccctca acgcaagat tcgcaccctc   240

gacaacacta cttccgac   258

<210>   1644
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959212H1

<400>   1644

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gtgtggatga tgctcctgat gtaagacaaa gtgcctttgc cttacttgga gaccttgcgc   180

gagtgtgctc ggttcatttg gactctcgtt tgtctgagtt tcttgaggct gcagccaaac   240

aactggagat ttcta   255

<210>   1645
<211>   264
<212>   DNA
<213>   Glycine max

596

<223>   Clone ID: 700959218H1

<400>   1645

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aggacatgga tctgaagaag atctgtctga tcatgaggga gagcttcaga aggatgaagt   120

agaagcagaa aatgcaggtg aagtggtgtc agctcaacat gaacaggcga accaacaagc   180

agatgtagag tataatgagc gagatgtaga ggcaaaggac cagcagtcat accccaggag   240

gggttatcag aaccatagag gtgg   264

<210>   1646
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959219H1

<400>   1646

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atgaagaaag tctaccaatg gtcactttgt caggaaggat gggtgatgat ggccccttc   180

catctttgga tgctgagtct gaccagcatt ctgaaccatc aaatgttaat cgatctgata   240

tcccttcggt aagctgtgat gc   262

<210>   1647
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959224H1

<400>   1647

cttttacaat ggagatatgg aatagttggt gggttttgca aattatgcaa tttctgggtt   60

tttttagttt ttggatttca tttgcaaagt ttaggacttt attctcaaga gcttttggtt   120

atggccacaa ggttgtgaag ggtgactgca gtacttggat ctttgtttcc ttcaatgggt   180

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catttcccag ttctcaa   257

597

<210>   1648
<211>   215
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959226H1

<400>   1648

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tgctgctcgc tacaacactg ataagtcggt tgctacaggg caagttgcta gcactggaat   180

ggttcttcta agctatgttc agaaggtatc tgaga   215

<210>   1649
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959227H1

<400>   1649

aaaaaaagtt gtgctgtgcc gcctcttccg taggcagcag caatggcctc aaatcccaaa   60

actttgacct ttgaggaggt agctaagcac aacaacaaaa aggattgctg gattattatc   120

aatggaaagg tgtatgatat cacaccattt ttggatgagc atccaggagg tgatgaagtt   180

ttgctgacgt caacagggaa ggatgccacc attgattttg aagatgtggg ccacagtgat   240

tctgctatag aaatg   255

<210>   1650
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959232H1

<400>   1650

ggaaatcttc attctttgtt ccatcaacag atggctatgc caaagcaggt gtgaaatgga   60

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tctcattgcc cgagtttgtt gttgatgctt ggcgcctgtg gttttgcttg ggtattcgaa   180

agaggggaca gcgcaaagag tccatgaaga aggaataaaa ggatgcttgg ttctgatgtg   240

taggccaata gacgctactc atct   264


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<210>      1651
<211>      255
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959242H1

<400>      1651
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agagcaagga ggagagtact ctgcaaaaga ctaccatgac cctcctccag caccttgtt   120

cgacccagag gagctcacac agtggtcctt ttatagagcc ctaatcgctg agttcatagc   180

aacccttctc ttcctttatg tcaccgtgct caccattatt ggctacaaaa ggcagactga   240

tgccacgcta ggtgg   255


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<210>      1652
<211>      263
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959249H1

<400>      1652
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gagaaaggga gaaagggtgt gagaatggag agcaaagagg aagatgtaag ggttggagca   60

actaagttct cagaaaggca accaattggt acagcagctc agggtgacaa ggactacaaa   120

gaaccacccc cagcaccttt gtttgagcct ggtgagctaa agtcatggtc cttctacaga   180

gctggaattg ctgagtttgt ggccactttc ttgttcctct acattaccat cttaactgtc   240

atgggtgtca acaggtcacc ctc   263


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<210>      1653
<211>      251
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959259H1

<400>      1653
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tattcaggga ttgcacaaca ttcatgggaa ctttaatgta cccaatatgc ccagtacact   120

cacatcaaga aactcaacaa taaatagtgt tccaactggg ggaggagttc agcaaccttc   180

ggcaagcctt tctagtggaa gatttgcatc aaataatcta cctgttgctc tgtcacagct   240

atctcatgga a                                                        251
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<210>   1654
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959263H1

<400>   1654

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taaagacaaa tgtgattggc acactgaaca tgcttgggct tgcaaagcga gtaggagcaa    60

ggattttgct tacatcaact tcagaggtat atggggatcc tcttgtgcat ccccaacctg   120

aaagttattg gggcaatgtt aaccctattg gagttcgtag ttgctatgat gaggggaaac   180

gggtggccga gacattgatg tttgattacc ataggcagca tgggattgaa atacgcattg   240

caagaatctt taacacata                                                259
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<210>   1655
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959264H1

<400>   1655

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ggggtacgac ctgatgatgt atgctcacag gttggtttat gtttcaaaag ggctaaatca   120

gagaggttag gatttggtct tttaaatttg taagaagcat ttttttatata tcaatgtttt   180

gtatgctctt tttgtcatat ttgattcagt atacttcgat tgagtaatga tttaaagatg   240

tttgatggat gcttaataat tc                                            262
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<210>   1656
<211>   254
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<212> DNA
<213> Glycine max

<223> Clone ID: 700959283H1

<400> 1656

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cgttatggtt tccttcatta gcaacaggat taggtttatt acatatgcgt tctctattca 180

acagtacgat tacaatccct tggtgaacac ttttttttctt ttcaagagag actccacttg 240

tatgttgata ccca 254

<210> 1657
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700959291H1

<400> 1657

gccgaacctt ggctgattac aacatccaaa aagaatctac cctccacttg gtgctccgtc 60

tgcgcggtgg tatgcaaatc tttgtgaaga cccttactgg gaagaccatt actttggagg 120

tagagagctc agacacaatt gacaatgtga aggcaaagat ccaagacaag gagggtatcc 180

caccagacca acagaggctc atttttgctg gcaaacagct tgaagatggc cgaaccttgg 240

ctgatta 247

<210> 1658
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700959292H1

<400> 1658

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ctcttggtga taagggttgg agagaatccg gggcccatgt tgtactagag ctgtttgacc 180

acaatgagtg gagactttct gtgaaacttc taggaattac taggtattca tacaaagcac 240

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<213>      Glycine max

<223>      Clone ID: 700959295H1

<400>      1659

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tgtagatctt tctgggtctg atgtcactga ttttgggctg acatacctta aagattgtga  180

aagtctcatt tccttaaatc taaattactg tgaccaaatt tcagatcgtg gactagagtg  240

tatcagtggt ctgt                                                    254


<210>      1660
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<223>      Clone ID: 700959296H1

<400>      1660

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cggagggcgg tcaacgcaat ttgagcatcg agaaagaggt tctcgggttc accggcgacg  180

gtcccgatat aaggctcaaa acaatcgtgg aaaccgaaga tggatgctgt ggcggtgcaa  240

gcagagcaaa actagtccg                                               259


<210>      1661
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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959309H1

<400>      1661

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gcccttcctt caaagatcac ggttcatcca gatggtcaaa tgacatttat gggtaccgca   180

attgagttga aagatcttct ctctgtagtt gctgagtcat gcttatcaaa atggtcacga   240

agggatgaaa agcaatctat gc   262

<210>   1662
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959312H1

<400>   1662

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gtaccaagag aatgcgtacc ctttcaccaa ggccaaagtg gaggagctgg agaaacagct   120

ggaggaagag gccaagggtc ttccagcatt ggtgtatcac caagggcatc gacatgatct   180

gaatttggtg tctgatggaa atggtggagg gccctttatc tgctgcgtgt gtgatgaaca   240

agggtctagc tgggcc   256

<210>   1663
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959318H1

<400>   1663

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tggtgaccaa attcaggtgc tgagcaatgc aatatacaag agtgtagagc acagggtgat   120

tgtgaactca aacaaagatc gtgtgtcctt ggcattgttc tataatccga gaagtgattt   180

actcattcaa cctgccaagg agcttgtgac agaggagagg ccagccttgt actcaccaat   240

gacctatgat gaatacaga   259

<210>   1664
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<213>   Glycine max

<223>   Clone ID: 700959329H1

<400>   1664

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atgaggtggt tctgctagat ttctggccaa gtccatttgg gatgagggtc aggattgcac   120

ttgctgaaaa gggtatcaaa tatgagtaca aagaagagga cttgaggaac aagagtcctc   180

ttctcctcca aatgaacccg gttcacaaga agattccggt tctcatccac aatggcaaac   240

ccatttgtga atc   253

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<212>   DNA
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<223>   Clone ID: 700959333H1

<400>   1665

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ggaattaagt gcccagatcc acaattcgca gatgctcctc tcgaatgcag ccactaggcg   120

tcttcctttta acaaccaggg aaacagaaag ggctatccat gatatggcat tattgttata   180

ccaggcccag cagctccatt atgatagtgc aaccatgatc atgagattca aagcaaaaat   240

tcaagctctt gaggaacaga tg   262

<210>   1666
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959334H1

<400>   1666

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cactctgctg gaacttacga cgtgagctcg aagaccggtg gtcccttcgg aaccataaag   180

cacccctccg aactcgctca cggcgctaac aacggtcttg acatcgctgt taggctttttg   240

gagccactca aagcggag   258

<210>   1667
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<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700959339H1

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taatcagatt tgcaaaatcc taatttctct atcctaacaa aaaccccaaa ttcaaacaaa   120

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atcgcggatg aagaagc   257

<210>   1668
<211>   253
<212>   DNA
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<223>   Clone ID: 700959342H1

<400>   1668

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ctcattccct cgcgttcatc tccgaatttc aagttcatca agggagacat tggaagtgct   180

gatttagtaa actacatcct cctcacagag tccattgaca ccatcatgca ctttgcagca   240

caaacccatg tag   253

<210>   1669
<211>   254
<212>   DNA
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<223>   Clone ID: 700959350H1

<400>   1669

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atggaaactg cctattatag gaaatttaca ccagcttgtt acatcgacac cacaccgaaa   180

attaagagac ctggccaaaa tatacggacc catgatgcat ctccaacttg gggagatctt   240

cacaatcgtt gttt   254

<210>   1670
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959356H1

<400>   1670

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aggaaaccga aaatacatga agtgtgtata tgtctacaac aagatagatg ttattggtat   120

tgatgatgtg gacagattag cccgtcaacc aaattctgtt gtcattagct gcaatttgaa   180

gctgaactta gacagactgc ttgcaaggat gtgggatgaa atgggtctgg ttagagttta   240

cacaaaacca caaggc   256

<210>   1671
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959357H1

<400>   1671

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caccctttcac acttcacaca ttgccatttg aacactattt gggaatagtg ggtcagggag   120

tttaaaggag tggtctttc gttttccttt gtatcctta cgacttggga gattataata   180

tgcagacacc aaaagcaaga gttggtgctt cagaagtgcc ccaaaagaaa tctcctgcaa   240

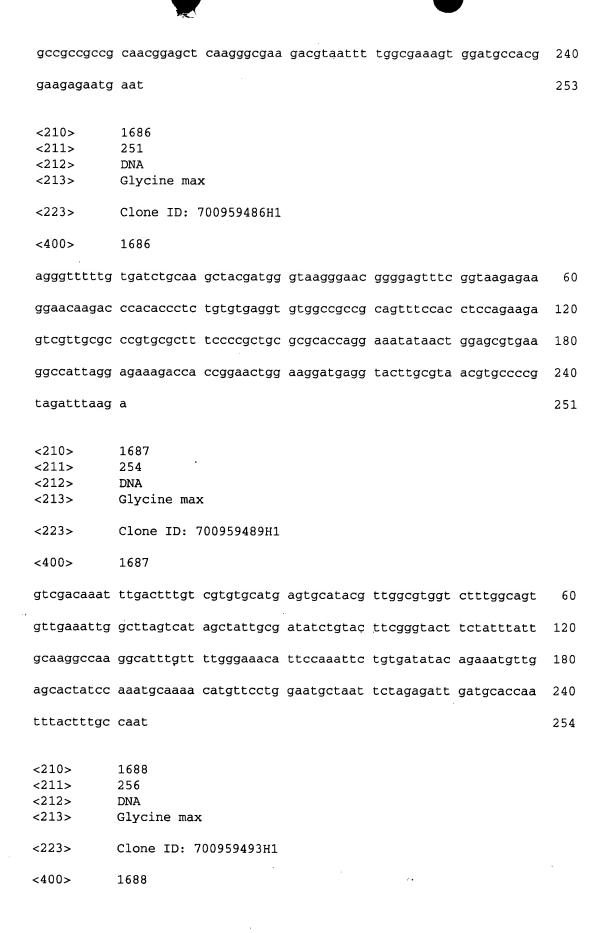ctcctcgaac t   251

<210>   1672
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606

<223>   Clone ID: 700959365H1

<400>   1672

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attccttcta atcttgtaag attttcgcac atatgaatta tgcaaaactt gtataagatt   180

ttcagaaaac tattactctg cgatgttgct aaagatggac tatatcaatt catctcttga   240

ggctcttgaa gatga   255

<210>   1673
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959366H1

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ctcctcctcc agcccctgct cagagtggtg gtggatctat gcttggtggc attggttcaa   180

ccatagctca aggtatggct tttggcaccg gaagtgcagt ggcacacagg ctgtggatg   240

cagtcatggg t   251

<210>   1674
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959378H1

<400>   1674

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attttcttct gtagatccat ctatctagct tcggagctgc aaatggacgt cgcagtcact   120

gccttccggt caccgctgat catcctccga agaccggtca acgagtctgc ctcagctcgg   180

ttcggttcca cttttgggtt ttccagaaag caacggttca gttcagtatg tatccccaaa   240
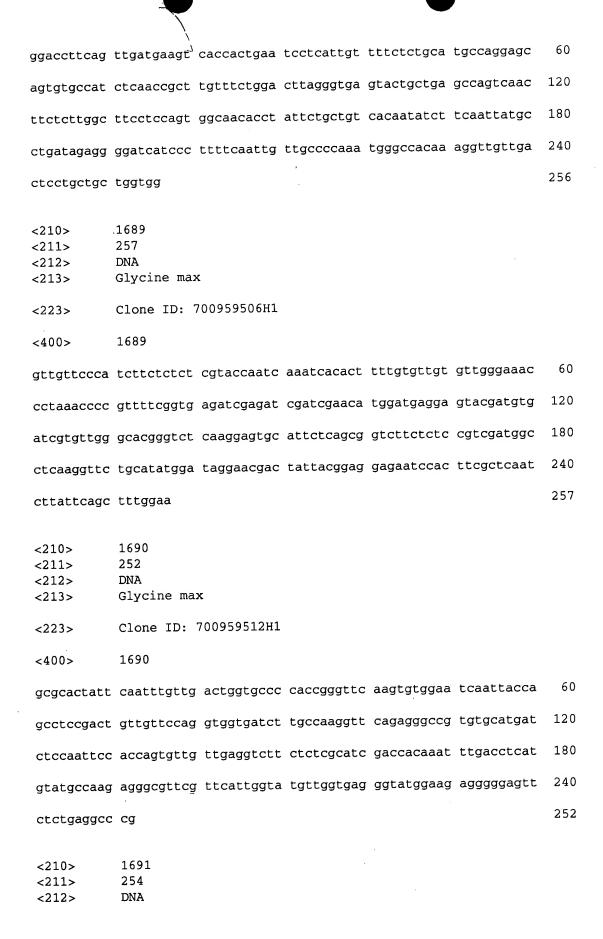
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607

<210> 1675
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700959380H1

<400> 1675

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tgcagtcatt ctcatctgtt gacgaaacag cttttgattc tcaaaaaagt tttggatcga   120

tagaggaaat gatattttcc atgtctgggt ctcgtaattc atcaatattg gacccaatgt   180

tatatactaa ggctatgcat gctagagttt cctttggagt agatggtccc cttggcaagg   240

taaaatatt   249

<210> 1676
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700959383H1

<400> 1676

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ttgacagtta aggtcacttt cagtgataca taaagaaaaa gtctgaaaga agcatttggt   120

tggtaagttt tttgtaaaaa tggtagatca tgcctgtctt tttcaggtat ctccatgtgg   180

agtcattgca atgatctgct atgtatcatg tcacctttat ctcagagaaa aaaaatatga   240

ttttctg   247

<210> 1677
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700959387H1

<400> 1677

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ccaagagacc aaaaagacta aacaatgat ggagtcattc aagtgttatg tttgagtgag   120

agtctttct aagcttacga agtttcaggg cagaagacat gcacagcttc tgattcctct   180

ccaattcatt caacttccaa ggtaggtgga ttattgttct aagaggtagg ccttgagcca   240

gagtggaaaa   250

<210>   1678
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959390H1

<400>   1678

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gcatggaaat tagttcttgc tgggaggttt tcactgcttc atccatggtg tgactttgtt   120

gagaagaatc aacggtacaa catctctgag gatacctggc aacaggttct agctttcagc   180

tggtgtaccc gtgatagtct ggaagcatat gatcctgaag gtgcttggcc tgtttaata   240

gatg   244

<210>   1679
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959394H1

<400>   1679

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ttactgctag gggcaaggct ctgccgtcat ttgaggggtg ccctgtgaaa gttcctggga   180

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ctc   243

<210>   1680
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959405H1

<400>   1680

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atagcaatgg cagaacaaaa ccaaaaccag acaactgaag ctggaaggca ccaagaggtt   120

ggccacaaga gccttctcca ggtgatgctc tttaccagta tattctggag accagtgtct   180

acccaagaga acctgaatcc atgaaagaac tgagagagtt gacagcaaaa cacccatgga   240

acatcatgac aacctctgca g   261

<210>   1681
<211>   271
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959416H1

<400>   1681

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tttctgggaa ggatgctatt gggaatacct acaattctaa ttgtgaagtt ctgcagtaag   120

actctcgcaa aatggaccat tcctgtgtag cgaacacctt gggcatccca ataaaatcaa   180

ccggctatat acctacactg aatggatctg tgacaggtaa aatgtctgat aagcttaaac   240

aaggttactt gcaaaagctc ctttcccagc a   271

<210>   1682
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959433H1

<400>   1682

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ctagatattc ctgtggattt gccccgatat ttgcaattaa tgcaccaatg tggggagaat   120

aagtctcttg aagaggcaaa aatgtacaca ggcatgcttt acaacatctg tcacctctcc   180

aagtcagcac atataataga attttggaga tgtatttaga atgtggttct gtagatgatg   240

ctctcaacat tttcaacaat atg   263

<210>   1683

<211>   258
<212>   DNA
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<223>   Clone ID: 700959450H1

<400>   1683

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aagccgaata cgagaaaacc ctctcgacgc tgataactta acaagatggg gtggagcttt   180

attagagttg tctcagtttc agagttttcc tgaatcgaag aaaatgaccc aagaggctgt   240

ttcaaagcta gaggaggc   258

<210>   1684
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959458H1

<400>   1684

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ctctcatcct ggtggttgag tggccatagg tgtggtggtg gccgtcaaca agaagggcga   180

ggatcccaca cttcaatctc aacaaaaatc agtaggggtt atctgccaaa acactgatga   240

ccagaagctc tgccacgaa   259

<210>   1685
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959471H1

<400>   1685

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gaaggacgtc gtcattttga aggagaagaa cttcaccgac accgtcaaga gcaaccgctt   120

cgtaatggtc gagtctacgc gccctggtgc ggccactgcc aggccctcgc ccccgaatac   180

611

gccgccgccg caacggagct caagggcgaa gacgtaattt tggcgaaagt ggatgccacg 240

gaagagaatg aat   253

<210>   1686
<211>   251
<212>   DNA
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<223>   Clone ID: 700959486H1

<400>   1686

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gtcgttgcgc ccgtgcgctt tccccgctgc gcgcaccagg aaatataact ggagcgtgaa 180

ggccattagg agaaagacca ccggaactgg aaggatgagg tacttgcgta acgtgccccg 240

tagatttaag a   251

<210>   1687
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<212>   DNA
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<223>   Clone ID: 700959489H1

<400>   1687

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gcaaggccaa ggcatttgtt ttgggaaaca ttccaaattc tgtgatatac agaaatgttg 180

agcactatcc aaatgcaaaa catgttcctg gaatgctaat tctagagatt gatgcaccaa 240

tttactttgc caat   254

<210>   1688
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959493H1

<400>   1688

612

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ctgatagagg ggatcatccc ttttcaattg ttgccccaaa tgggccacaa aggttgttga   240

ctcctgctgc tggtgg   256

<210>   1689
<211>   257
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<223>   Clone ID: 700959506H1

<400>   1689

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atcgtgttgg gcacgggtct caaggagtgc attctcagcg gtcttctctc cgtcgatggc   180

ctcaaggttc tgcatatgga taggaacgac tattacggag gagaatccac ttcgctcaat   240

cttattcagc tttggaa   257

<210>   1690
<211>   252
<212>   DNA
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<223>   Clone ID: 700959512H1

<400>   1690

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gcctccgact gttgttccag gtggtgatct tgccaaggtt cagagggccg tgtgcatgat   120

ctccaattcc accagtgttg ttgaggtctt ctctcgcatc gaccacaaat ttgacctcat   180

gtatgccaag agggcgttcg ttcattggta tgttggtgag ggtatggaag aggggggagtt   240

ctctgaggcc cg   252

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<212>   DNA

<223> Clone ID: 700959514H1

<400> 1691

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ctctctggat ctcatgactg agctccttcg tcgtctcaag tgctcttcca aacctgacaa   180

gcgtcttatt ctcattggcc cacctggatc tggaaaaggc acccagtcac caatcataaa   240

agatgagtac tgct                                                     254
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<210>   1692
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<212>   DNA
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<223>   Clone ID: 700959526H1

<400>   1692

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gggctccttg attgttccag gtgaacatga tcacaaacta aagcttgttt ctcttccctt   120

tgtatcaacc agtcacctca ttcccgtagt agacatagct aggctctttg ccattcatgg   180

tgttgatgtc accataatca ccaccacagc cactgccgcc attttccaaa gctctatcga   240

tcgcgaccgt gac                                                     253
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<210>   1693
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<223>   Clone ID: 700959532H1

<400>   1693

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cagcaagaga cccttcaggg attctctccc catacaccta caatctaaga aacacaggcc   180

ctgatgatgt ttacattaaa gttcactact gtggaatttg ccattctgat ctccaccaga   240
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ttaaaaatga tcttggc   257

<210>   1694
<211>   253
<212>   DNA
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<223>   Clone ID: 700959551H1

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cttccccttg ctatgcatgc aaacatgtct gttcctgtca gaagtgatgg cgtacttgca   180

catcctcttc agggaactgt ttctaatgca caatcaactg aatgcccaac aactagtgaa   240

ccacagaatc aac   253

<210>   1695
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<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700959559H1

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<210>   1696
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<212>   DNA
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<223>   Clone ID: 700959579H1

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catttgtcgt ggacacattc tgaacggtat gtctgactct ctctttgata tttatcaaaa   180

tattgagtct gctaaggaat tatgggactc tcttgaatcc aagtatatgg cagaagatgc   240

ctcaa   245

615

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<213>   Glycine max

<223>   Clone ID: 700959591H1

<400>   1697

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959604H1

<400>   1698

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tagggtttga gggttatagt tatacaacaa cacttggaag gaaaagggtt gtgttattac   120

acagtgaagc ttcttctctc aactccaatt caccggtgaa ttcattgaag agaatgtgta   180

gcaagaaatt cacatttgac tctgaaaggt ctcgccttga ggccc   225

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959610H1

<400>   1699

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gaagctcaga ggcttcatcg ctgagaagag atgcgctcct ctaatgctcc gtttggcatg   180

gcactctgct ggaacctttg acaagggcac gaagaccggt ggacccttcg gaa   233

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959614H1

<400>   1700

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taatctcttt taaggaagag gttttgccaa ccccaacctg cagcaaataa tattgcatgg   180

gttggtttac taagttgctt aagggatcca accgtaaatc gtcaggagga aga   233

<210>   1701
<211>   227
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959619H1

<400>   1701

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tctgggttca tcatcacacc atgcccgtgc cccagcacca gcaccgtcag tggagtgttc   180

aaacctggta ttgaccttat cggattgcct caccttcgtt agcaacg   227

<210>   1702
<211>   231
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959625H1

<400>   1702

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tgtcgaacac atgcggcaac tgcgactgcg ctgacaagac tagctgcacc aagggaaaca   120

gctatggtgt tattgtagag actgagaaga gttacatcga gactgttgtc atggatgttc   180

cagcagctga gcatgatggg aagtgcaagt gtggcactaa ctgcacttgc a   231

<210>   1703
<211>   227
<212>   DNA
<213>   Glycine max

617

<223>   Clone ID: 700959655H1

<400>   1703

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gcaaaaagta tgtttatctg ggtctgtttg acaccgaaat tgaagctgca agggcatatg   120

ataaagcagc aataaaatgt aatggcaagg aggctgtcac caattttgat cctagcatct   180

acgatagtga gcttaattct gaatcctcag gaggtgtagc tgcagat                 227
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<210>   1704
<211>   228
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959683H1

<400>   1704

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agtttggagt gctttatttt agattgtttt taaaagggag atggtttttt ctggttggga   120

gaggatataa ttgcagctgg gacaaagaca aagacagttt tcagatttga gattgagcaa   180

ataggtataa catggaagat ctcgtaaact attcaaagct gtggaagc               228
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<210>   1705
<211>   164
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959688H1

<400>   1705

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tcttccccat ccttggctgg caaggccgtg aagctgggcc catcagcccc cgaagtcggg   120

agggtcagca tgaggaagac cgtcaccaag caggcctcct ccgg                   164
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<210>   1706
<211>   285
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959702H1

<400>   1706

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aacagagttg agtccgtgtc ttccagcaat cacttccggt gctaaacctt ccaatgcttg   180

ttgcacgaag ctgaagcagc aaaaaccatg cttatgtggc tacctcaaaa acgctagctt   240

gaagcagtat gttaactctc ctaatgcccg aaaaaccgtt gcttc   285

<210>   1707
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959745H1

<400>   1707

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ggcattcttg gcattgcatg ggcctttggt ggcatgatct tcatccttgt ctactgcact   120

gctgggatct caggggggtca cattaaccca gcggtgacat ttgggctgtt tttggctcgc   180

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ggagttggtt tggttaaggc   260

<210>   1708
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959804H1

<400>   1708

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aatcgaatcc aacgtttcag ccatggtttc cgattcaatc gccgccgtac cgattccctc   120

cgccgcaaac accaagaacc cggggaagaa gaagaggact aacaggtccg cgaaattgaa   180

gcagtacaaa atcgatgcgc gccgcgagca atggttatct caaggtgcgg tgaagagcaa   240

ggggtgcaag gacgg   255

<210>   1709
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959810H1

<400>   1709

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tcttgggcgc aagaaccgaa tcttctaggc aaacagccat agttatcatg catcatatga   120

aactcgttga gatgcttatg gatgtcaatc aatggtcaaa catgttttgc ggcatcgttt   180

caagggcggt aacacacgaa gtgctgtcaa ctggagaaac tataagatac gatggtgcct   240

gccaagtgat g   251

<210>   1710
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959821H1

<400>   1710

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cattgacgtt gaagccacag tcgctctttt aggagctcac tcagtgggaa gagttcactg   120

caagaatctg gtgcacagat tataccccac catagattca acactggacc ctgcacatgc   180

tgagtaccta agacgtcggt gcccaacacc caatcccgat ccaaaagctg ttctgtattc   240

aaggaatgac   250

<210>   1711
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959823H1

<400>   1711

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atcccctctc ggtcgacaac aacgccaagg gcaacaacaa cgacaacaag aagaacaagc   120

tgtccggggg cgccatagcg gggattgttg tcggatcggt ggtgtttctt ctcttgcttg   180

tgttcctctt gattttcctg tgcaggaaca agagtgccaa gaataccagc gcggtcgaca   240

ttgccactgt   250

<210>   1712
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959828H1

<400>   1712

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aacgagcaaa gacagcattg tgtaccatgg gggcttctgt attcagtgga atcacactta   120

caaaattagt cggagtcctc gtcctttgct tctcaacatc agaaattttt gtggtgtatt   180

acttccagat gtatctggcc ttggttatca ttggcttctt acacggtctt gtgtttctac   240

ctgtggta   248

<210>   1713
<211>   205
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959835H1

<400>   1713

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tcctatggac atctgataat ttaaaattaa gcactagagg tgttgaatac caatatctaa   120

agacgagtag gtttcatgtg ccatgggaca agatatttct ttgatggatt ttttttcttc   180

ttaatcctgt ttgttttttgc aattc   205

<210>   1714
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959859H1

<400>   1714

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621

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gaattagaat tgcaattctt aggatagact ctatatctaa gaggattgag gaattgcggg   180

acaaagagct tacgcctcaa cttgaggagt tgattgacgg gttaagtcgg atgtgggaag   240

tgat   244

<210>   1715
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959870H1

<400>   1715

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tcacagtctg ctgttattgg ccctttcact gtcataggat ctggcaccaa aattgggcat   120

aacactaaaa ttttaaattc tgttattggt gaaggatgta aaattgggtc aaatgttatc   180

atagagggat gctatatatg ggataacatc agcatagaag atggctgtaa actccagcat   240

g   241

<210>   1716
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959872H1

<400>   1716

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gttcaaccca gtccaaccaa acattatgct ccaaaaagat gctagtattt catcctctgg   180

ggtgttacaa ctcaccaaag ttggcagcaa cggcgtgccc acctcgggat ctctcggtcg   240

tgcc   244

<210>   1717
<211>   242
<212>   DNA
<213>   Glycine max

<223>　　　Clone ID: 700959877H1

<400>　　　1717

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aagtatccac ttgatgagaa agtgattaag gagaagaaga aaggagccaa gcgtgctgta　120

aatgggtctg ctgtccctgt gatagaagat tttgaggaag atgaaatgaa agaggctgat　180

aagttgataa aggaagaggc cctgtatctt tgtgcagcaa tgggtcatga agatgaaccc　240

ct　242

<210>　　　1718
<211>　　　241
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700959887H1

<400>　　　1718

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ccacttttct gtttctctac atcaccgtct taaccgttat gggagtcgcc ggggctaagt　180

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c　241

<210>　　　1719
<211>　　　166
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700959889H1

<400>　　　1719

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tacacctgct tcttctcctg caacctcacc agtcccttcc gctagttctc caccagcacc　120

aggcacagcc ggaacccgct cccggacccg caggtggcgc cgagcc　166

<210>　　　1720
<211>　　　244

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cagctgaagg cggagatagc gactcatccg ctgtacgagc agcttctggc agcacacgtg   120

gcatgcctcc gtgtggcgac tcccatcgat cagcttccac tcattgatgc tcaattatct   180

cagtctcacc atcttctacg ctcttatgtc tcacacaaca ctctttctct ctcccctcat   240

cacc   244

gtacctgaga ctctatgctt caagatacgg tagggacgag agtattgcgc ttttggagag   60

aacaggagtg tacttcggtc ctgagcgtta cacatttgag cacatgccaa ttgatgccat   120

gagaggacaa atatttaatg cctgccgttc atgaattggt atgttacaga atatggatgc   180

tgcttggtcg agtggttcat ttgtcaacag cttaaaaatt caggtttcag catctaagtt   240

tcaaa   245

acacggttta cttaagatca aggagttgtg ctgttgtatt gactccatac aggtggtttc   60

ctgcacttgc agtggttaaa ttctgtaaga cttggtattt aatcgtgggg cttctcaaca   120

agatgctttt actgagatat cacagttggt acaaagtgcg cttgatgggt acaaggctta   180

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tgctctagga tacccatcaa ccgatgtgaa gtggtttact cacaaaatta gacttcaatt   240

tgatga                                                               246


<210>      1723
<211>      261
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700959914H1

<400>      1723

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gcccctgacc cttgcaccct tgagactttc cttggaagaa ttcctatggt cttcaatgtt   120

gtcattcttt ctccccatgg ttactttgcc caagataatg tcttgggata ccctgacact   180

ggtggccagg ttgtttacat cttggatcaa gttcgtgctt tggagaacga gatgctccat   240

cgcattaagc aacaaggatg g                                             261


<210>      1724
<211>      252
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959929H1

<400>      1724

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acggcgtcgt ttgaagggct tcgaccttcc gctgttcagt ttgcttccac gggcagaatt   180

agaattggca atctctccca aaggtccttc cggggcttgg ttgtcaaagc cgccaccgtt   240

gttgcccccca aa                                                      252


<210>      1725
<211>      260
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700959943H1

<400>      1725
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agaataagga gcatatgttg gtggaagcaa acagatcttt gaccatgaag ctggaagaaa   120

tcaattcaag aaaccagtat aggcaaacat gggaagctgg tgagcaaagt atgccatatg   180

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                                                                     260
agataggttc tgactacagg

<210>   1726
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959975H1

<400>   1726

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tctttctgcc cttttctccg tcacgctttt cgtgaccgga tctgtatgga tttgatccag   120

atctacacgc cgatggtggt tttggccggg tctttcatag atctggtgcg tagaggctca   180

gatctacggt accgaggtac aacagagaat cgatgacaag aacgcagatc cgacggtaga   240

                                                                     254
tccagccgat tccg

<210>   1727
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959976H1

<400>   1727

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ttgccaccga agaagacgtc gaagatggca acgacgacgt gcccttgatc ctcaacgacg   120

gaaatctccg ccaccgcacc gtggacacca ccacccgcca aaggaagaaa gtgaaaggaa   180

agaaaagtta attgttcttg gtagttgacc aacgctaata tatagtgaaa gtcaacgatc   240

                                                                     256
tctctttttct tggtga

<210>   1728
<211>   261

626

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959980H1

<400>   1728

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acgcgtccga gtcaccgagc ttcaacttcg agctttggaa ggcgtgccgc gccacgtcgg   180

cgacccctgg cctcttcact cccttccact tctcctccgt cgacggaaaa acctcgtgcg   240

ccgccgtcga cggcggcctg g   261

<210>   1729
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959995H1

<400>   1729

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agaactgagc ttggatttaa gacccacttt catccccaaa accatcaccg atttcctccg   120

ccacctctcc gacaacaaca accccccgc caccctccac gatttcctcg cccgcctcga   180

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aaacgacgca atttcagt   258

<210>   1730
<211>   155
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960008H1

<400>   1730

gtttcatgta gtttcttttt catcatccat tgaactgaac cttaaattaa ttatagaacc   60

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gcaacctctc tgccttccaa acccacattc tggaa   155

627

<210>   1731
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960015H1

<400>   1731

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ctcacccttg gttgtttatg ctttactact tgtccgtcca ttcattcaac ttttcatatt   180

ataatgaata ctcgggaatt cgcacacaca ctcactcact ttgtttcttg ttcttggtgt   240

agttgaaatc tgggt   255

<210>   1732
<211>   123
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960022H1

<400>   1732

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tttacactgg tcccacagtt ggaggacttc tgaatgctac atgtgggaat gttactgagc   120

tca   123

<210>   1733
<211>   129
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960052H1

<400>   1733

atttggagtt tggagcgact gaactaatca ttaatttgca ctcgctgttt cagcttcatc   60

acccttcttt tgcatcattt atatctcttg agaaatggca caagaaacct ttctattcac   120

atctgaatc   129

<210>   1734
<211>   245

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960059H1

<400>   1734

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ctcgggaaaa ctgttcaggt ggtcccgcac atcactgatg ctattaaaga ttggattgag   180

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<210>   1735
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960070H1

<400>   1735

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ggaggactca cttcctatgg gagacagagt tgcagctctc aaagataacc aacaaccttc   120

tcgtgttcca aatggtgtta aacagggtcc aggaggatca cgagaaatca ctttctccac   180

aagaagctca gctaagtaca aggaagacga ggaagataaa gaagtgccac acaggaaaaa   240

                                                                    242
ga

<210>   1736
<211>   116
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960073H1

<400>   1736

cgctggtggt ggtttcttct agtttcttca ctctttttcat tacttttagc ctgcatagtt   60

ttaaataaga aaaaaaaac agcgactttg tgactagtta agatcaccgt ttcttc   116

<210>   1737
<211>   247

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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960095H1

<400>      1737

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acacctggcc atttacttcc tatggtagac acagcaagac tatttgccaa gcatggtgtt    120

agtgttacta ttctcactac ccctgctatt gcttcaacat tccaaaatgc catagacagt    180

gacttcaatt gtggatatca catcagaact caagtggttc cattcccttc agcccaagtt    240

ggtctca                                                              247


<210>      1738
<211>      272
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960103H1

<400>      1738

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gttttgcaaa aatgggagtt ccagagaaag accctctttc ccaattgagt ttgcctcctg    120

gttttcggtt ttaccccacc gacgaggagc ttctcgttca gtatctgtgc cgcaaggtcg    180

ctggccacca tttctctctt ccaatcattg ccgaaattga cttgtacaag ttcgacccat    240

gggttcttcc aagtaaagcg attttcggtg aa                                  272


<210>      1739
<211>      272
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960104H1

<400>      1739

aaaaatatct cacgcaataa cataccctaa cacaaacacc ttcctcccctt aaaaatgctg    60

aagcatttca atttcaacat gaacattttc ttcacgttgc ttatagttgt cacattagct    120

agtttctatg ttccccagtt gaagcctcgt ccttcaatta caatagcttt ttgcatggtt    180

gcaaccctag tataccaatt tataatgaga acacccaaca aaatttactt ggtggacttt     240
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gcatgcttca agccaagcct tgcatgcctc tg   272

<210>   1740
<211>   272
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960105H1

<400>   1740

agaaaaccga gaaagaagaa accgacttca aagttccgga aacgattacg ctttgcgtca   60

acaactgcgg cgtcaccgga aaccctgcca cgaataacat gtgccagaag tgcttcactg   120

cctctaccgc caccacttcc ggcgccggag gtgccggaat agcttctccg gcgaccagat   180

ccggcgtctc cgcgcgtcct cagaagagat cttttcctga agagccctcg ccggtggcgg   240

atcctccttc ttcggaccag acgacgccgt cg   272

<210>   1741
<211>   271
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960108H1

<400>   1741

ggaagagggg atatgaatac aaggagctag ttgtctattt gcaataacat aacatcatca   60

agcaggatca tcgatccaac cttagtattc aacccagaga gatttgtagt aataattact   120

acaacaactt aaaacaatgg caggaggagg ttatgtagat tcgggaaatg caaagcaatt   180

tgaagggaag gtcactgcat tcgtattggt tacatgcttt gtggcagcca tgggaggctt   240

actcttcggt tatgatcttg gaataaccgg a   271

<210>   1742
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960113H1

<400>   1742

caaaaacttc atagatggaa cgaacactta tagaactgcc actgtcgcta ttcaaggaga   60

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tcactttgtg gccatcaata tggggtttga gaattctgct ggacctcata agcatcaagc    120

ggtggcattg agagtccaag cagacaagtc catcttttac aattgctcaa tggatgggta    180

tcaagacaca ctttatgcac acaccatgcg tcaattctat agagattgca ccatttcagg    240

                                                                     263
taccatcgac tttgtgttcg gta
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```
<210>      1743
<211>      267
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960126H1

<400>      1743
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cagaatccca ccgccatgga tttcatgaag gtcttcgatc aaaccgttcg agaaataaag     60

agagaggtga atctgaaggt gctcaaggtt ccggaaatcg aacagaaggt gctggatgca    120

actgataatg aaccttgggg tcctcatggt actgtgctgg cagagatttc acaggctacc    180

aaaaaattta ctgaatgcca aatgatcatg aatgtccttt ggacaagact gggtgaaact    240

                                                                     267
ggaaaagatt ggcgttatgt atacaag
```

```
<210>      1744
<211>      261
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700960128H1

<400>      1744
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atatagcgaa aggggtggag tccctactgc gtcactctga cccaaactcc ataactacgg     60

taaacggcgt cgttcagcag ctggaggcca aactagggtt agacctctct cacaaggcca    120

gtttcatcag agaccagatc gatcatcttc tccggtcaca gccacagaca tttgctcctc    180

accctcctcc acttcacaaa gactattttg cccctcacac ccaactgcac ttcccaacca    240

                                                                     261
cccactttgc tccccatttt g
```

```
<210>      1745
<211>      231
<212>      DNA
<213>      Glycine max
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<223>   Clone ID: 700960143H1

<400>   1745

tgagattaag aactactgga ggacaaggat ccagaagcac ctcaagcaag cttccagcag   60

cttccagcaa cagagtagta attctgagat aatttatcat ccccaagctt gcactagcca   120

agtgtccacc atggcgcagc catagaaacc tattctccac ccagttatca aggaatgtta   180

gatccatttt caattcagtt cccaacaaat cctcatcatt ctagttgttg t   231

<210>   1746
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960158H1

<400>   1746

cactagcgtg tttcgtcttc ttcgtcttta ctcttttctt caccgaagcg aaaaagaaaa   60

ggcttgactt gagagaaata gagcttcgaa tcgaaactca gaattagaaa aaaacacaaa   120

tcacaatcac aatggcaagg tacgaccgag caatcaccgt tttctccccc gacggccacc   180

tcttccaggt cgagtatgcc ctcgaagccg tccgcaaggg caacgccgcc gtcggcgtcc   240

gcggcaccga caacgtcgtc c   261

<210>   1747
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960172H1

<400>   1747

cgggtgcgta cgtcgttcca agtaaatcac tttgtcgagc cctaattttg aatttgtgcg   60

ccattcctaa aacagtgcag tgaaaatcac gtatttgcga tggagattct gtattcgaag   120

ctctacgaca agtacaccaa actcaagtct aaaaaactct ccgatttgga tcacataaac   180

aaagaacaag aagttaaatt cgtgaattac ttgacggctg cggaagagtt gatagagcac   240

ttgaagagcg aaaaggaagg   260

<210> 1748
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700960181H1

<400> 1748

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caagtcagcg ttaagggttt agtttggtgc gtgccatgaa gatcgaggaa ttggacgatg    60

gagagtgtag tagggacgag gaagagaagt gtgagaggca gattgtgagc gttgatgcga   120

agagagcgtt ggttggagct ggtgctcgga tcctgttcta ccccacactc ttgtataatg   180

tgcttcgtaa caagattgaa gctgagttca ggtggtggga tcaaattgac gagttttgt    240

tactgggcgc tgttccgt                                                  258
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<210> 1749
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700960182H1

<400> 1749

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cgtttcctga aaagaatgag ctgcagagca gatctttaga tagagagaga ttctttcacc    60

aaaagtttca gctgaggaat atgcaaatga acggtattgg taccatggat gatgattctg   120

ttcatcggag aggtaatgga tccgaaaagt atgtgtcttt tgacattgag gataagtctg   180

aaagaggaac aaaaggtgtt gattcctaca tttctgtggg aggtgatggg tcattgggaa   240

aaagcttcca gaatcctat                                                259
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<210> 1750
<211> 286
<212> DNA
<213> Glycine max

<223> Clone ID: 700960202H1

<400> 1750

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aagcgcttga aggagatgga agatgaagct gctgctttgc gagagatgca ggccaaggtc    60

gagaaggaaa tgggatctgc gcaagatcct gcaaatgctt ctgcaagtca ggccaataaa   120

gaggaaatag attctcgatc agtctttgta ggcaatgtgg actattcatg cactcctgaa   180
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634

gaagtgcaac agcattttca gtcttgtgga acagtaaaca gagtcaccat tcgaactgat   240

aagtttggcc aacccaaggg ttatgcctat gttgagttcc ttgagg   286

<210>   1751
<211>   283
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960204H1

<400>   1751

gcaagtggaa ccattgagtc caacacatca agtgctggga ctcaattggt gtttgatagg   60

tcaggagatg tgtatatttt gagagacaac aaagaaaagt ataacttgtc agatggggggt   120

tctatttcca ccactcaatt ttaccttaga gcaactcttg attttgatgg ggtgttcaca   180

ctctatcaac atccaaaggg ttcttctggg agtgtaggtt ggaccccagt gtggtctcat   240

ccagataata tatgtaagga ttatctttct gctgcaagta gtg   283

<210>   1752
<211>   278
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960226H1

<400>   1752

ctaatttgaa aatcaagtat tttcagagag agctgaggca atacttggtg tatttcattg   60

tggcactgac tatattcttc tacatgattc caattacatt tatatctgca ttaactactt   120

tggataattt ggtgaaatat ctcccattca taaagccaat tgttaatata aaggcattga   180

aaacagtgtt ggaagcttac ctccctcaac tcgcactgat tattttcttg ctttgttgc   240

ccaagttgct tctgtttttg tctaaatttg aaggcatt   278

<210>   1753
<211>   273
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960242H1

<400>   1753

gagcgattgc ccttgctgcg gcgactacct caccaacacc aacctcttcc ctaacttgtt   60

gctcgacaag ctactgaaga agacttctgc gcgtcaaata tcaaaaaccg cttcacctgt   120

cgaacatttt cggcaggtat tgcaaaaggg ttctgatgtg tcaattaagg agctagacac   180

cctttttgtca cttcttgccg agaagaaaag aaaaatggaa caagaagaag ctgagagaaa   240

tatgcaaata ttgttagact tcttgcattg ctt   273

<210>   1754
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960257H1

<400>   1754

gggcttcgtc ggaggattgt cacgcctgaa cgagcccttt tccatttcag ccttgagcgg   60

ctcctgttct tgtcaagttg gtgtgaatta ggagctgctt aattcaaaga atggggggag   120

atgcacagaa gagaaacgtc atcattggcg tctctacttt cttgttggtg gccatggtgg   180

tagcagtcac agtcaatgtc aacttcaata acaagggatc aagcagtgat tcaaaggaag   240

aaagcaaatc ccatgtagct tcctcgatg   269

<210>   1755
<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960269H1

<400>   1755

cgatcatacc atggtaaata tgagaaactt ggaggattat gtttctctta ttgtcgatgc   60

aactgtgagg tctggagttt caagacaagt ggaagctttt aaatctggct ttaaccaggt   120

tttctccatt gatcatcttc ggattttcaa tgaagaagaa cttgagcgaa tgctttgtgg   180

agagtatgac tcttgggctg tcaacgagtt tggagatcac attaagtttg atcatgggta   240

tactgctagc agtcctccca ttgttaa   267

<210>   1756
<211>   266

<212> DNA
<213> Glycine max

<223> Clone ID: 700960277H1

<400> 1756

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gtgtttgaat cgtgaaaatg ttcagaaacc agtatgacac ggacgtgacg acatggagcc    60

cggcggggag gctgttccag gtggagtacg cgatggaggc ggtgaagcag ggctcggctg   120

cgatagggct ccgatccaag acccacgtgg tcctcgcatg cgtcaacaag gctaactccg   180

aactttcatc gcaccagaag aagatcttca aggtcgacaa ccacatcggc gtcgccatcg   240

ccggcctcac cgccgacggc cgcgtc                                         266
```

<210> 1757
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700960288H1

<400> 1757

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cggtggtgta tttggtgtgt tgatgtttta ttaaactttt gtactcttgc tttgaaacta    60

gttggttagg caagttttag ttttctattt tatttcagac ttttcaggtg ctcatattct   120

tatgatgatc atcaaactgc aaatatagtg agcccattaa gctattactg aaatttgttg   180

cagatttgaa attcttctaa gatggatact tcttatagga ctggtggagt caagtacgag   240

tgcttgcttt ttgatatgga tga                                           263
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<210> 1758
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700960291H1

<400> 1758

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gcagaagcac aagcccagct cttcaagatg gccaacgaag gaagaatgaa gcctagacca    60

tgatgaaata cagattaagt agtagtactc ttaattagtt aattagtatg gtgtgccaat   120

ttattgagtt aagaccattt tatatttaag atttctgtta gtttgtgtca tttaaggctc   180

tcacatgata tgttcattaa tatgcattga gatggatatc atgttaattt cttcgaaatt   240
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637

taatgcaaaa tttatggttt tgg   263

<210>   1759
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960293H1

<400>   1759

gttagagtgt ttctttccac aactcaagaa gccactaatg taaatccttt tttatatata   60

agtatttgtt ggttaagtta gagcgtttct tccatatctt agaaacaacc agaatttaaa   120

tcttgtacca cttgtttagg aaacacaagt cgctatcact tttatcgatc gttgttgatc   180

ttataaatgc ttatataaca aattattcaa acactttaaa atttcataaa catttatcaa   240

tgtgtcaact gaaatttaag aaa   263

<210>   1760
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960311H1

<400>   1760

gtctaaatga tgctgatttt gaagagagaa ttattcaaca tttagctgct gctgcagcaa   60

tgaggagagc taaccaactt ggttggaggg aagggcagcg agctcgttca tcagctcatg   120

gtcatccaca attctctgtt ctctaatcag cctattgcac cttcatcagt tgctggagga   180

gaaaatgacc caactgcaat tcctaataga agtccatcta ccccaataac atccgttgga   240

aatgaagcat cgcagcaga   259

<210>   1761
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960315H1

<400>   1761

aacatgcaca caaagtaatg gacaaaaaac catgcaactc atcatctcat gatcctgaag   60

tgagaaaggg accatggacc atggaagaag acttgatctt gataaactat attgcaaatc   120

acggtgaagg tgtttggaac tccttagcca aagcttctgg tctcaaacga acgggaaaga   180

gttgtcgact ccgttggcta aactaccttc gtcctgatgt tagaagagga aacattacac   240

ccgaggaaca gcttttgatc   260

<210>   1762
<211>   112
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960345H1

<400>   1762

ctacagtcaa aataggtttt attaggtcag agttccacac aattgtcata ttgtagaacg   60

tttcgatttt acttaagagg ctcttatatg tattttttaa accaattatt aa   112

<210>   1763
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960365H1

<400>   1763

gcaaaactta gggttgggcc ttttttttgag gttttcagcg cttctttctc acaatggttc   60

ttcagaatga tattgatttg ctgaatcctc cagctgagtt ggagaagaga aagcacaaac   120

tcaagcgtct tgttcagtca ccaaactctt tcttcatgga tgttaagtgc cagggatgct   180

tcaacataac aactgtgttt agccactctc aaactgttgt ggtgtgcgga aactgccaga   240

ctgtttttgtg ccaacc   256

<210>   1764
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960374H1

<400>   1764

attaaatctt ctctcaaaat atttgtgatt ccatgcccaa cgccctaccc tgaaaatatg   60

639

gtagccgaga gagaggttaa cggtaacggc gtcggagagg gaagaacaac gctaatattc   120

acctacggaa ccctgaagcg aggcttctcc aaccaccccc ttctccaaga cctcattcgc   180

tccggcgacg cctccttcgt cggaacctac cgcaccgccg ccaaatatcc tctggtctgt   240

gggccctaca   250

<210>   1765
<211>   99
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960378H1

<400>   1765

caaaaaaaaa gaacaagaaa atggaaaaaa aagcaacact cgtctctgct gtttctctta   60

ttctcgtagt gggcgttgcc ctaggcgttg ttgcttatg   99

<210>   1766
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960381H1

<400>   1766

cgctgaggga aatcagaaag tatcagaaga gcaccgagct tctcatcagg aagcttccgt   60

ttcagagact cgtgagggaa atcgcgcagg acttcaagac cgatttgcgt tttcagagta   120

gcgccgtttc tgcgcttcag gaagctgctg aggcctacct cgttgggttg ttcgaggaca   180

ctaacctttg cgcgattcat gcaaagaggg ttaccattat gcctaaggat attcagcttg   240

ctcgcaggat cag   253

<210>   1767
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960382H1

<400>   1767

cacactcact ctccttctct ctcctattgc ggctagggtt tgggtttttc actttcagcc   60

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tagcaagggt tagttgaggc cttgtgtttg gaaacgtacg gtgtcgtttt ggagttggga 180

aaacaaataa ttctgagaga tggcaaccac gaacccttt gatttgttgg gtgacgacgc 240

tgaggaccct   250

<210>   1768
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960384H1

<400>   1768

agcattcagt gaaacactag ctagggtatt gggagctctc gttgtttcgg agttagggac   60

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agaaggaagc tgacatccag atgatgttgg ccgccgacgt ccacctcggc accaagaact 180

gcgacttcca aatggaacgt tacatcttca agcgccgcaa cgacgggatt tacattatta 240

accttggg   248

<210>   1769
<211>   100
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960388H1

<400>   1769

atttaaaaac caaaaaaaac taatcctcgt ggtcacagtg ggtttgagtg aactaaaagg   60

aacaaaggca atacatagag ggcaacgcga ttttcattct   100

<210>   1770
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960390H1

<400>   1770

ggagagggtc cagtggtgtt gttcctccac ggcttccctg agctctggta ctcatggcgc   60

641

catcagattc tctctctcag ctccctcggc taccgcgccg tcgctcccga tctccgtggc   120

tacggtgaca ccgaagcacc accttcaatc agcagctaca actgcttcca catagtgggt   180

gatctcgttg cgcttattga ctctctgggt gtccaacaag tgttccttgt ggctcatgac   240

tggggag   247

<210>   1771
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960413H1

<400>   1771

gggttatcat ttctccattt ccattttctc tctcactttt caagaatcgt aagctatggg   60

aaagtcttac ccaactgtga gtgctgatta ccagaaggcc gttgagaagg cgaagaagaa   120

gctcagaggc ttcatcgctg agaagagatg cgctcctcta atgctccgtt tggcatggca   180

ctctgctgga acctttgaca agggcacgaa gaccggtgga cccttcggaa ccatcaagca   240

ccctgccgaa ctggctcaca gcg   263

<210>   1772
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960416H1

<400>   1772

ttcggatctg agagatcgcc acgcacgcac gcacgcttcc tttgattttg tcttccgctt   60

cgtcatttcc tattctcagc ttccaattct cctcctcctt cttctaattc tacttctttt   120

cgagggtttt cgttcctctg tgcctgattg atccctaatt cgataccatg cggaagaagc   180

tcgatacccg tttccccgct gctcggataa agaagataat gcaagcagat gaggatgtcg   240

gaaagatagc gttggcagtt cctgtt   266

<210>   1773
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960430H1

<400>   1773

gttaattcag actcccctca gaaacaagcc attggtaatg caaaccctag tcctactcct   60

gcaatgaact atggtatggc taatcgacaa agatcaatga agcagcgtgg agggtcaaat   120

ggctataatg ttgggtctgg tcctgttcag aacaacttct ccggtgctac ccagaatctt   180

cctccaccgc caccaccgcc ccccttttcct gtgcttccga tgcctccaag aacatttgcc   240

catgggatac caggggttc   259

<210>   1774
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960438H1

<400>   1774

ggatgatgct ggaaactgct ctcaaactac ttccatatat gggtctaagc ttagttcatg   60

ggttgagaat agtagtaatt ttaaacgtga aagcagtgtt tcaactggat actccaagcg   120

accagatgaa gtttgcaaat caaatcgtaa aagacttaaa ccaggagaga accctaggcc   180

taggcctaaa gatcgccaaa tgattcaaga tcgtgtgaaa gagttgcggg aaattgtgcc   240

aaatggagca aaatgtagca tagat   265

<210>   1775
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960439H1

<400>   1775

ggtttttgat acgaatatca gccaatgaga taggaggggc ttcaacagcc acaaccttga   60

tcttgcattg agccatgaaa ctacttagcc acttgggttc ctcactagag acacttgtct   120

attaactctt ttttgttgtt gtggtgtttc atttgtgaaa ctaacaacaa cacaaggcca   180

tcatcatggc agctgcttcc ccaatggcaa gccaactcaa gtccaccttc actaggactc   240

ttgtagctcc caagggcctc tctg   264

643

<210> 1776
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700960452H1

<400> 1776

gcctctctct tcatttttttg tttagcatgt tttgccactg cagcacggtg aagagactta   60

ccttggattt ggtgggaaga acagaacagg ttgatgtggc agagtttggg attactttgt   120

tggattgttt tccaaacata acatatctta atttaggtcc tggagcttgg catgtgatgg   180

agaattcttt cagctgggga ggtttgaaag atgggattgg gatgaagatg ataaaagaac   240

ttatagcaca tctagtggtc cat   263

<210> 1777
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700960456H1

<400> 1777

gggttcgaac tatactagac ataggttgtg gctatggtag ctttggagca cacctcttcg   60

acagtcagct tttaactatg tgcattgcaa actatgaacc ttctggcagt caagttcagc   120

tcactctgga aagggggtctt cctgctatga ttgcttcttt cacttcaaag cagttgccat   180

atccatctct atcctttgat atgttacatt gtgcaagatg tggcattgat tgggaccaga   240

aagatggcct tctcctgatt g   261

<210> 1778
<211> 243
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700960504H1

<400> 1778

agaacattna ccaagantnt tgttgaagct tttnagccna nccgggganca ncgactggna   60

ctnnancttc tgganccgca catnccggtg gtcccgcnat cctcgatnaa gtcgagnaga   120

agctccggat caagcnggac aaactccagt cccacccggc atgtgntgag tgantacgga   180

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naa   243

<210>   1779
<211>   230
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960506H1

<400>   1779

ttggagcatc gaggatatct ggtcgtctat gcacttactc caatggagat taaacctagc   60

tatatgcatg ccntatataa atgcatatat atgatgatat ataaacctaa gctcttgtag   120

agtgtgttca ggcttaataa catcattagg tctgtttata tgagtagtct aagtttggtg   180

tttgtaatga atgatgtgag ttaagaatta atttagttat ggattgaaat   230

<210>   1780
<211>   259
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960516H1

<400>   1780

ggtgcagctg cctgattttg acgaggacga attggaagca gaacttgaag aattggaggg   60

tgctgagttg gaagaacagc ttcttcagcc agcaactaca gctcctgcag ccccagtgca   120

ggtcncagct gggngccaac ctactcgcgc cagttcctgc aaagcgaact cgtgaagaan   180

atgaattggc agctttgcag gctgagatgg catttgagca ggtgcctttc ctcagctgta   240

acatancaan ttgtatgcc   259

<210>   1781
<211>   252
<212>   DNA
<213>   Glycine max

<400>   1781

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tcgagngatt ccggctnaga tttganttcn ttnnttccga atcaaaattc tatctggncn    60

atctcnntct caaaataaac agtgccttat ttgngtagng tgaatgtgtg atggcgagtn   120

gttccttctt aaaaaattgn aaaatcnttg attttgcttc gtnactactg ggagagttta   180

cgagnagtat caaaccgata aaagacgttt cttcaacatc attgactccg ntgaanntaa   240

ttgntcanaa cg                                                       252
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<210>   1782
<211>   252
<212>   DNA
<213>   Glycine max

<400>   1782

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cttttgcttt ntntctccca aattgatnac aacttccngt ccgganctgt gcagagaagt    60

aaacatatag gagtgagagg ganggagaga gaaggaaagc ttggtagcga tggggaanga   120

gcaagttcag gtgctgantg nctggangtg gcaaagacac aatggtatca tttcacagca   180

atcatccatt ggtggaatgg gttnttcagt gatgcttatg atntgttntg natatcatag   240

tcacaaagct ac                                                       252
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<210>   1783
<211>   251
<212>   DNA
<213>   Glycine max

<400>   1783

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gtcggaatcg acggtnggag atttagtggc ggcggnggtg cggcaatacg tgaaggaagg    60

tcgncgacca attttgccgt ccaacgaccc ttccccactt cgaccttcat tattgtcagt   120

tcagcttaga aagtttggat agggaggaga agctgaggga tantggatct anaaantctt   180

tatgtgtccg angaagtgtg gnggcggcnn ggcgaggtag angaacgaag ccgtttgttc   240
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atgntcaaga c

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<210>      1784
<211>      253
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960530H1

<400>      1784
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taaatcangt cttanttagg nagttgtgan ctaattgtat aattnacnan catntgattt   60

cnaantnttn tttccganan tttctttctt tntcntgaaa acacttcang nacaataatt   120

caagcggggg cttgtggcan tgtttgttct ggctcgtatc atgttacagt tactttaacc   180

aaatananac atanagcagc aagtctgtca ttactgtttn atntctactc ttngnctctg   240

cgtgcccctt cac   253

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<210>      1785
<211>      252
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960535H1

<400>      1785
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agaaaantcc gggtcanact gctttgaana attntgagaa agtattnttt cagggctctt   60

tggngtcatc tccttcatcc ctcaatctgt tgtncaggtc gttggcaact taactgcagt   120

tcactcatac tttnatttat tctcaaggaa aattgaccaa gatnatatgg anttgaggag   180

gtgagttgna gctanacana attcagaang aacatgcant acaacncacn aatggangnt   240

tcnaaanatt nc   252

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<210>      1786
<211>      204
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960536H1
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<400>   1786

actaatttcg tagttacttt cgtntngaac gcgcacggta aactaggttg ttntgtncnt   60

cttctcttca tcgttcgncn aagtcaagnt ttgactgngc nctgcatctn ncaatctcta   120

cgaagcaacg ctnngaagtn nnnatgtnaa gttccgncaa aggtattacc ttgatacaaa   180

aactntgaag tanatnttgt cnag   204

<210>   1787
<211>   196
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960546H1

<400>   1787

tttcctttca acaccccttg tttatnttgt actgaatgcc acccantgat aacaatttnt   60

atcttggagt tagcntttat ggtaggtttc ctctttataa cncagtgtat naaatgtgca   120

tatttnatgt gataattgtt gtganttatt tnttgganng aaagtataaa aaaaatgaan   180

gattagttgg atgttg   196

<210>   1788
<211>   252
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960548H1

<400>   1788

aanaaatgcc acaccctcta ctatcgcgca nccntttntt cacttcttca tgnttcgact   60

cttctgcgcc tganctccna cngtngtctg agtngcgccg ccgtttggnt tcgcggattt   120

ctccnatgtt cgnntaacga gacanagtga atctgaatcg cattcgaacg tgntctcttc   180

gacatcttca cttaagcctt cganttgcat aagatgcttn cgagggttta tngnccaaat   240

cacctcaaac cc   252

<210>   1789
<211>   83
<212>   DNA

<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960553H1

<400>   1789

aggtaattta agagagagaa acgagagagt gagagaggga cnaccncatn ccacttcttc   60

ccatttcnca cnnctcccna acc   83

<210>   1790
<211>   96
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960554H1

<400>   1790

gttcgtctcc ctcccatcga aataatggnt tcngtttcct acctcttcgt gtttcgttcc   60

nnttccttct tcctctcntc tccaccacca anatnc   96

<210>   1791
<211>   246
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960557H1

<400>   1791

tgcagttntg ctccgcaatt atcatgggca aggtcaanat cggaatcaac ggatttggaa   60

gaattggncg tttggtanca nagtggctct gcagagagac gatgttgaac tcgttgccgt   120

taacgacctt tcatcaccac cgattacatg acatacatgt tnaaatacga cagtgttnat   180

ggacactgga ancatcacga tgtcacgtta aggacgagaa gacgcttctn ttcggtgaca   240

anccag   246

<210>   1792
<211>   250
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

649

<223>   Clone ID: 700960561H1

<400>   1792

anganacaca ccttcagcan cagcagccat ggttgtcaaa accgaactat gccgattcag   60

cggtgccaan atctacccca gggganaggca tcagatttgt tcgtggtnat tctcaggttt   120

tcctgtttgn taatcgaaat ntaanaggta nttccacaan angttnaagc catnaaagct   180

cactgnactg caannnacag anagcaacac aagnaggaca ttgtcaanaa gctgtnaaga   240

aaagaanacg   250

<210>   1793
<211>   251
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960562H1

<400>   1793

atnacaacaa caanaactcc caccaancan ctccaccaan aaatatgcnt gagatccttn   60

cccaagcctt cttgacttcc nnttngcttg ctctnagcgc tgtnacanca ttgaatgatg   120

acccttttga caagtcntct gcttcantgg ggaantcatc anaggaggat aaagncatag   180

tgaaaagggc tnctacttgc atcccctncc atgaccantc caagagantn agaacaagct   240

cttncgntgc c   251

<210>   1794
<211>   255
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960564H1

<400>   1794

anttnaaaca aattttnagt cagggtttgc actcacttca gagcaccnta agctatctan   60

ntgataccat ctncccanaa gccggttgtg anatacaatt atncaaaaga agctaagnna   120

ttttatgctc gccannatga tganggaact gtagctgcgt ttganttggn tgtnccaaag   180

nttggaacaa taatatctgg tagcnaaaac gaggaacgtc ttaacatnat aagctccagg   240

650

attgatnagt tangt

<210> 1795
<211> 110
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700960569H1

<400> 1795

canccggcnt ccganccaca cctaacccaa accagcctat ggcggngatg cagaggncca   60

ccngcaanna gaaccannnc aatggccaaa gctacgtgcg tgcttttnct   110

<210> 1796
<211> 246
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700960573H1

<400> 1796

atggttgtac agcaatattg aagccatntg aattggcatc tgtgacctcg tttgnagctg   60

gctgaaatat gcagagaagt tggcnttnct ccaggggtat taaacattgt tactggatta   120

ngcaatgaag ctggtgntcg tttgtnatca tcctgacgta gacaagattt cntttactgg   180

aagctctgna atggaagcag gattangaca gctgcagcac agctaacgaa gctgtttntc   240

tagagt   246

<210> 1797
<211> 253
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700960581H1

<400> 1797

tctagcncaa cnggatcttc acgactagga gatggcaaag tcgaacaacc acacccgctc   60

acaacccant nctacaaggc ccataanaat ggcatcaaaa agccaaagag ggatcgncac   120

acttccacca aagggatgga tccaaagttt ctgaggaacc anaggtacgc naggnnncat   180

aacaagaana gcggtgaaac agccaccgaa gnngagtaaa gtgccactct naaatgggct   240

antaggattg gtt   253


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<210>      1798
<211>      83
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960584H1

<400>      1798
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tgccanatcc caaatccaaa tccnacnctg ttcgatttcn tcctttgaag atcctccatc   60

gttnttccct caaaacgncg agc   83


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<210>      1799
<211>      245
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960587H1

<400>      1799
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acatgttcac aanttggttn atgntcttcn anaaggcatg aatctaagag tgcnggaant   60

gaaatggtna ctgaaaagga gcaggnanag ttnacggnaa gagataatcc tttgtgtnct   120

tcttgtcaga tgcttnttct ttggatccan aatcaactaa aacaaaaggc aacgaangac   180

anannattca actangtgaa tcaatntgtg agagcctaac caagtccatt gganantcan   240

tgatc   245


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<210>      1800
<211>      249
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700960588H1

<400>      1800
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attnaatctn canaattcnc ngacaagaga tctttttctg ctccnttgaa naaagaaggg   60

tntttgnttg attttggaga ngtctctgct ctgagatctc atgaacctta acccgtacga   120

tanccaccga gaaggtgatc gnagagtaca tatggatcgg tggatcagga atggacctga   180

ggagcaaagc aaggatctcc caggaccann tagngaccnt cagagttccc aantggaant   240

angatngnc   249

<210>   1801
<211>   178
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960590H1

<400>   1801

agaaagatga gcgatgagga aagaacnaag caaatacgcg gagtgagnaa aagcntgaaa   60

gaaggagaga gaatcgtggg cccaacgaga cggcccgacg gaancctccg caancccatt   120

cgaatccgcg ctggttacac ccctcaagac gaatcgccca tttaccaacc aaaggagc   178

<210>   1802
<211>   259
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960601H1

<400>   1802

tacaaangtt gctgtaggag ataagattgc agtagtgcta agtgctaaca cctgcagtga   60

acaatggcct ctgcatcagc atctctgctc aagtcttcac ttgttcttga caagtctgag   120

tgggtgaagg gacaaaccct tcgccaacct tctgcatcag ttgtgagatg caaccccacc   180

accccatcag gcctcaccat cagagctggt tcctatgctg atgagctcgt taagaccgcg   240

aaaacagtgg cttcaccag   259

<210>   1803
<211>   108
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960603H1

<400>   1803

gatctcactg agtctgatca actaggagaa atgctaaagc aaatttttta gttggactga   60

ggcatagtct acaaaatgct atgagaacct gttcatggtt ttgatttg   108

<210>   1804
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960607H1

<400>   1804

cttccaaaaa gtaagtcatt agtcatataa ggttaagata ctatgtttgc tttgagattt   60

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agaataacag cttttgaaat aggattcgca cataagaaat agtcttacca agaggatagt   180

tgctaattga ttataagcat acaagattga aaatgcattt agaatatcaa agtgcagtaa   240

cat   243

<210>   1805
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960608H1

<400>   ʽ1805

gttcattcca tcactgccac ccagaagact gttgatgggc catcagccaa agactggaga   60

ggtggaagag ctgcttcatt taacatcatt cctagcagca ctggagctgc caaggctgtt   120

ggaaaagtcc ttcctgcttt gaacggaaaa ttgactggta tggcattccg tgttcccacc   180

gtggatgtct ctgttgttga cctcacagtg aggctggaga aggaagcctc ctacgatgaa   240

attaaaaatg ctatc   255

<210>   1806
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960610H1

654

<400>   1806

atcccccct agctacagag cagccaaagg ggaggaataa taataagcct atattctaag   60

gccggaaaaa taaaaagga ataacaaaaa tgtctggaaa ggtaattatc tcggctgttt   120

ctctcatcct ggtggttgga gtggccatag gtgtggtggt ggccgtcaac aagaagggcg   180

aggatcccac acttcaatct caacaaaaat cagtaggggt tatctgccaa aacactgatg   240

accagaagct c   251

<210>   1807
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960633H1

<400>   1807

tttatctcaa aactgggact tgcaaatttg gattcaattg caagttcaat cacccgctta   60

ggaggaaaaa cctggctaaa aacgagaatg cgggagaaag agaagagcag gaagaaagat   120

caggccagac ggaatgcaag tattatttaa ggtctggggg gtgtaagttc ggaaaggctt   180

gcaagtttaa tcacacaaga ggaaagagtt catcagcatc ctctactgca gagcttaact   240

tccttggcct gccta   255

<210>   1808
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960634H1

<400>   1808

atttacaaag tgtcataaat tgatgggatt ctctacaggg ccaagatcac gagctacaca   60

ttggaaacaa acagtcctat acctagaaga tgtcttgacc gtttgtgagg gggaggcaat   120

tgtggggagc atgactgttg ctccaaataa aaaaaatcct cgggatgttg atataatgct   180

caagtattca ttgaatggaa ggcgatgcaa tgtttcaagg gttcagtact acaagatgcg   240

ttgaacctgg   250

<210>   1809

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<211>       248
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700960641H1

<400>       1809

gcttcttctg tgtgccaccc cctctttaat tttttttttc tttagctttt ggagtttgga    60

gtctcttgaa ccatggctaa gaatagagga gagttgagga ttcatgagag tgtggatgag   120

ctaaggactg atttggcaga ctatgttgct gagttatcag aggcatctgt gaaagagcga   180

ggagtctttg ccattgcttt atctggtggt tctctcattg gcttaatggg aaaactctgt   240

gaagctcc                                                            248


<210>       1810
<211>       206
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<223>       Clone ID: 700960664H1

<400>       1810

gtaatggaca aaaaaccatg cacgntcatn atctcannga tcctgaagtg agaaagggac    60

catggaccat ggaagaagac ttgatcttga taaactatat tgcaaatcac ggtgaaggtg   120

tttggaactc cttagccaaa gcttctggtc tcaaacgaac gggaaagagt tgtcgactcc   180

gttggctaaa ctaccttcgt cctgat                                        206


<210>       1811
<211>       245
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<223>       Clone ID: 700960671H1

<400>       1811

tgctgagatc attgagcatg gtatatcagg attccacatt gatccttatc ntcctgatca    60

agcttcagag ctattggttg aatttttcca aaagagcaag gaggacccag accattggaa   120

gaaaatatct aatggtggtc ttcaaagaat ttatgaaagg tacacttgga agatttattc   180
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tgaaaggctt atgacctttg cgggagttta tagtttctgg aaatacgttt ccaaattaga 240

gaggc 245

<210>   1812
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960674H1

<400>   1812

ctccaacttc caacgagact gcgtgtggta tccttataga ttggctgcaa tattaccctt 60

tttcattttt gaagtatcgt ttgaaattga agtacaatgg cactttcctt cagggaagaa 120

agagatacct ttggagccat tcaagttccc tccgagaaat tatggggagc acaaactcaa 180

agatcgttgc agaacttcga tatcggtggg ccccgcgaac gcatgcccga acccatcatt 240

cgcg 244

<210>   1813
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960686H1

<400>   1813

gtcagctggg aggatattgg aggccttgag aatgtcaagc gtgagtgcaa gagactgttc 60

aatatcctgt ggagcaccta gaaaaatttg agaagtttgg tatgtcacca ttaaaagggg 120

ttctcttcta tggtcctcca ggatgtggaa aaactttgtt ggccaaagca attgctaatg 180

aatgtcaagc taacttcatc agtgtaaggg gcccagaatt gctcactatg tggtttggtg 240

aaa 243

<210>   1814
<211>   205
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960755H1

<400>   1814

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ttcctatgtt tgatnggnnn ggaggtagaa cgtcagnnat gtctgcagtt ggcctgcttc    60

cagcagccct tccagggatt ganatnanag aaatgcttgc cggtgcatca ttgatggatg    120

angctaanag gagtactgtg nnaaggaata accctgcagc tctgctggct ttatgttggt    180

attgggctac agatggtgna ggatc                                          205
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<210>   1815
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960849H1

<400>   1815

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cacactctct ttcttctgct gcaccagcaa caacagagaa tgaacagtac tgaggagggg    60

atgcaaggca taggcatagg cataggctgc ttccaaaacg acgtcgtagg gcagctggag    120

ctgagtccca ctatgagcaa ctcctcctcc tcgctatcca tggagctgga cgagtccccg    180

gagagcagaa tccaacggtt gatatcggag cacccggtca tcatcttcac ccgatcctcc    240

tgctgcatgt gccacgtcat gaa                                            263
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<210>   1816
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960881H1

<400>   1816

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cagcctcata cagaaacttc aatgccctaa cctcttcctc cactggccaa tcactggacg    60

ccacggggct ggccaagatc cattgggtgc aaaagaatta catgatttac aactattgca    120

ctgatattag acgtttccca caaggcctcc ctccagaatg ttccattgct tgagaatgtt    180

cattattcaa ttcaatgttg catattatta tatatataaa aaaaatggtc cccatatacg    240

tgacacgtgt atgcctatta                                                260
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<210>   1817
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960909H1

<400>   1817

cactatcatt aaccaataac caataaatac attaatcacc atggggaagt actttgctgt   60

tgttgctctc tttgtctcag ctttgtgctt ctcctctatc ttggctcgta agacacctgc   120

ccttgataaa ttcttcgttg agggcaagat ttactgtgac ccttgccact tcgcatttga   180

gtccaggctc agtttccctt ggaaggtgt taaggtaagc ctgcaatgtc tgaggagtga   240

gaatgatacc gtgacatatg t   261

<210>   1818
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960914H1

<400>   1818

caggattcag aggttttaat gactaccctc cattttttgaa cctctctctt tctctctctc   60

cgagtctgag cctcgttctt cagactcgct ttctctgctc actcagagac tgagacactt   120

atcttttctg tcattggtct ctgtgtttgc ttccaaaagc tctacacgat aagccaaaga   180

ttgaaagacc ctctctagcc tattctctgt ttttttttccc tgtcccagtt gctcagatct   240

actaccaccc ctttctgca   259

<210>   1819
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960936H1

<400>   1819

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agattatcgt cccgttatcg ctgaacattg aaagccctca tttcatgacc tatctcattt   180

ctcatcatga cctagctcca ggctttgctc cacgaaagtg ttgttgttca ggtgaggttt   240

atgttgtatc aa   252

<210> 1820
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700960942H1

<400> 1820

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cttacaggaa gaggatcaaa ataccccacc ataagacaaa tccaaaggaa cagcaacatc   120

aattatggga ggttcaatgg agaagaaggt gttgtgagag aaaaagaaga agaaaacaag   180

tggccttcat ggctgcagcc acttctcaag acacgtttct ttgttcaatg caaagtccac   240

gcagattccc acaa   254

<210> 1821
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700960957H1

<400> 1821

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gtggaaagga gatgcagcaa caactttgc ccgtggccac tataccattg gaaaggagat   180

tgttgagctt tgcttggacc gcatcagaaa gcttgctgac aactgcacag gtctccaagg   240

ttttctggtt   250

<210> 1822
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<212> DNA
<213> Glycine max

<223> Clone ID: 700960964H1

<400> 1822

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taggctcaca ggaaagctct attgatctag acaaaaagac gtcggaagat ggaagtgtga   120

agaacagttc tgtttctgcc aaagttagtg atggggccag cagtcttgca aagacaagtg   180

gaagtgccaa gatcagcaac cgggctgatt ttgttgagag tggtaagagc agtatttgca   240

gaggaagcac   250

<210>   1823
<211>   248
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700960965H1

<400>   1823

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nacttcctcg atcatgtctc acttcaaggg caagtaccat gatgagctta ttgccaatgn   120

ngcttacttg gcactcctgg aaagggtatt cttgctgctg atgagtcaac agggacaatt   180

ggcaagcgtt tggccagcat cagtgtagag aatgttgaat ccaacaggcg tgctcttagg   240

gagctgct   248

<210>   1824
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700960972H1

<400>   1824

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tcttcggtgg acagttctat tgtcccgagt ttgtctgatg agaaaaagga gaatctgaat   180

ttgaaggcta ctgagttgag gcttggactt cctggatccc agtcacctga aagggatccg   240

gatctttt   248

<210>   1825
<211>   243
<212>   DNA
<213>   Glycine max

661

<223>   Clone ID: 700960994H1

<400>   1825

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ccagtggtgg cacagcgttt gtcaacagat cataatgtag ctgatgaaga ggtgagaaaa   120

gaattgaagc tctccatcct gatgactcgc acattgtggt ttataaccgt ggagtttgga   180

ggattaaggg cattatacag gtgtcaagat ctatcggtga cgtgtatttg aagaaacctg   240

att   243

<210>   1826
<211>   272
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961009H1

<400>   1826

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tttcgtcatt caaatccaat ccaatatcaa atatgagtcg tcatcccgag gttaagtggg   120

ctcagagact tgacaaggtc tatatcacgg tgcaattggc tgattcaaaa aatgccaagg   180

tggatcttac accagatggt attttttacct tctctggtag tgctggtgct gaagaccatc   240

agtatgagct aaaactggag ctctttgaca ag   272

<210>   1827
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961018H1

<400>   1827

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cctctcggaa ctagccaaca gcaagagcgt ggtgaagctc tgggacacca taggcttcgg   120

cctgggcttg gacttcgatg attacgatgg ttactacgtt ggtaacgcgg cggttccgac   180

gagctccacc gcgtctccct cggtggttgt ctcggcgggg gaaggcgcgt gcgggaatct   240

ggcgctggag atctgggaca cgcgg   265

662

<210>   1828
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961027H1

<400>   1828

aaggcagaaa gcaagctcat cctagagttt taaaaatggc agcagcctcc tccatggctc   60

tctcttcccc atccttggct ggcaaggccg tgaagctggg cccatcagcc cccgaagtcg   120

ggagggtcag catgaggaag accgtcacca agcaggcctc ctccggaagc catggtacg   180

gcccagaccg cgtcaagtac ttgggcccat tctctggcga gccccgtcc tacctcactg   240

gcgagttccc aggtgactac ggct   264

<210>   1829
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961046H1

<400>   1829

atcaaagttt cttcctttct ctgctctttg ccttctctga cacatttggt gccttgtaga   60

gcgtgttttg gcaggaaggt ggtatggcga aggacgttga ggttgctgag cgtggctcct   120

tctctgggaa ggactaccag gaccctccac cagcaccact cattgatgct gaggagctca   180

caaagtggtc cttttacagg gctctcattg ctgaattcat tgccactttg ctcttcctct   240

acattactgt gctc   254

<210>   1830
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961073H1

<400>   1830

atcttctcat aagctttact taattagcaa atccaaatat ggcactttct tcttcatcat   60

cttcaacatc catatttgct ttagctttgt tcactctttt gcttatagga agttcttcag   120

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ctcaactctc tgagaacttc tatgatagta aatgtcccaa ggttttctat gccgtaaaat   180

ccgttcttca atctgctttg gctaaagaac ctcgccaggg agcatctatc gttcgcctct   240

tctttcatga ctgcttt                                                  257


<210>      1831
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961082H1

<400>      1831

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tcttttgact tgagctatgt tgagaagaca accacagaga ctcttgtttt gggtgttggg   180

tctgtgaagg cccaattgga gggtgctgaa atgggtgttg cagctgagaa cggtggctgc   240

aactgtggat                                                          250


<210>      1832
<211>      237
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961111H1

<400>      1832

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gcctcttctg cattctgtgc ctttccacgg aggccagtgg atgttccatt cggcagaaac   120

tacgttccca cttgggcttt tgatcacatc aaatacttca atggaggttc tgagattcaa   180

cttcatcttg acaagtacac tggtactggc ttccagtcca aagggtcata cttgttt      237


<210>      1833
<211>      239
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961115H1

<400>      1833
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agtgtcctgt ttgtcggagg tttatctgtg tggactgtaa ggttccttgg cattcttcta   120

tgagttgttt agaataccag aacctgccag agaaggagag ggatgtttct gacattacct   180

tgcatcgtct tgctcagaat aaaaggtgga agcgctgtca gcagtgtcgt agaatgatt   239

<210>   1834
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961116H1

<400>   1834

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cattcagata gttatgaaat ctgaattgac ttcagtttct tgctaacctt ggtgagaagc   120

agactttgta gctggatctg aatggtgcac tatgaatcga ccatgtactt taactgtttt   180

aacattttct agccagttgt taggtttcta gtgtttctgt aatcacaggg cagcgttatt   240

caa   243

<210>   1835
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961204H1

<400>   1835

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tgatggcagc aacaacaagt tctggtactc ttaaagcaac tcctttcctt ggccaaggca   120

agggtgccaa tgccaatgct cttagggatg ttgtctccat gggaactggg aagtacacca   180

tgggcaatga tttgtggtat ggaccagaca gagtgaaata cttgggaccc ttctcagctc   240

agacccccttc atacttgaaa ggagaattc   269

<210>   1836
<211>   265
<212>   DNA
<213>   Glycine max

665

<223>   Clone ID: 700961212H1

<400>   1836

aaatgattga gtctggcttt cagcctacta tttttgttct gacatcgctt gtccagtgct   60

atgggaaggt tggacgtact gatgatgttt tgaagacatt taatcaactc ttggatttgg   120

gcatcagtcc agacgaccgt ttctgtggtt gtcttctgaa tgttatgacc caaacaccaa   180

aagaagagct tggtaagcta aatgattgtg tggagaaggc taatccaaag cttgggtctg   240

tgctaagata tttggtggaa gggct   265

<210>   1837
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961213H1

<400>   1837

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cggaacgaac ggaaaagggg atctcaatgg acaacaccaa gccccttatc gaactggaac   120

tcgacgatga tggcagaatc agaagaaccg ggaatgtgtg gactgctagc atacacatta   180

taacagtggt tgtaggggca ggggtgctgt ctttggcatg ggttatggca caactaggat   240

ggttagctgg catagccagt atcat   265

<210>   1838
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961241H1

<400>   1838

gtttgaatga tccctaccaa ttcttgcagc actttcggaa atgatcttga acccacaagc   60

aactggctag aagtgatttt cagtatatgc atagtactca gtggactatt gcttttcaca   120

ttattgattg gtaacattca ggtattctta catgcagtca tggcaaagaa gagaaagatg   180

cagctgagat gtcgtgacat ggaatggtgg atgaggagga ggcagttgcc atcgcgatta   240

agacaaagag ttcgccattt tgaa   264

666

<210> 1839
<211> 263
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700961244H1

<400> 1839

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ctgtcatgga nntctgccgc ggatcggcga ttcagctgct gaatttcgcc gacgncntcn   120

cgatcgggag ccggtcgccg naaaggctgt tccgaancct cgacgtgttc gagacgctgc   180

gtgacctatt tccggagttc gaggctctgt ttgctgatca gtttagtgtg tcgctcagga   240

atgaagcgat tacgatttnc aag   263

<210> 1840
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700961249H1

<400> 1840

aatcaattaa ctgaatgctt agagagagaa agaggagaag gagtagtgat aaggtgatca   60

tagagcatat tataagagag tgaaaactaa tggaggttgg cctcaagaag gagaacatgg   120

ggtttgagga aactgagtta aggcttggac tgcctggaaa cggaggcact gaagaagtgc   180

tcatcaggaa gaggggtttc tctgagactg aaactggtca tgaagatgag tctgccacca   240

ctgtggattt gatgcttaat ct   262

<210> 1841
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700961265H1

<400> 1841

cttatagctt catcccaaaa agctcttttc cttctaaatt tgattcctta gttcagcatt   60

ctattattat atatggcttc ttcaccttcc tcagaaaaca aaaacctaga gggagtagct   120

667

ggtggtgccg gagagaaacc cattccactt ggtgagaacg ttctgcagaa gcatgctgca   180

ttctttgact tgaataaaga tggtgtcatc tacccatggg agactttaa agggttgcgt   240

gaaatcggga ctggggtttt gctgtccg   268

<210>   1842
<211>   262
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700961280H1

<400>   1842

attaaaacgg taaaacgaac acaccctngt tacttggacg tggaaattca cgttcgcgct   60

nccttttat cttggcattg cgtttgtgtg tgtgtgcaat atcacacaac ccaaccttat   120

tcgttcttct gttgttctga ggcgagccat gacggacggn catctcttca acaacatcac   180

cctcggtggc cgtggaggca ccaatccagg gcagataaaa atatatcctg gaggaattgt   240

atggaagaga cagggtggtg gt   262

<210>   1843
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961295H1

<400>   1843

ggttacttca gcttccacat atcttgaaga attgatcaat gggcaagtct gtagttgaga   60

agctactttg gatggcaatt gtgtgcttgg tgctgggtgt aatttccatt actcccaagg   120

cccaagcagc agtgacatgc aaccaggtgg tgagcaacct caccccatgc atttcttatg   180

tgctcaatgg tggcaaaacc gtgcctggcc cttgctgcaa tgggatcaag accctcttta   240

acctcgctca ctccacacc   259

<210>   1844
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961304H1

<400>   1844

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gctgatggac cacagcatcc atcagttgtt cagaagctag ctggacagtc ttacctggtg   120

tccaggctaa gccccaactt taactctggg aattattcct cgactggttc ttacttcaat   180

ggaggactgc actcttctgg gttggctgtt gtgtcgcctg atctccagt tactgtgcat   240

gct   243

<210>   1845
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961316H1

<400>   1845

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ttcatctggc aagcacaaca agttctccat cacaaaagct gatactggca gaaaagtgga   120

agagccagag ttgttagagg caattcgttt aacaattata aataatctta ttcagtacca   180

cccggaatca agttcccagt tagcattggg agcagctttt ggacttctgc ctccaaaaga   240

gcaggttga   249

<210>   1846
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961319H1

<400>   1846

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attccttttta cttttaacat catttcattt tttggttcag ctgtacattg taacatttct   180

agatattgtt agagttgccc cttgccactt tataaatagt gaaatactat caaactgact   240

ttt   243

<210> 1847
<211> 72
<212> DNA
<213> Glycine max

<223> Clone ID: 700961352H1

<400> 1847

caagaaccag gttgtttgag tgttttttat tatcaatgtt atctgatcaa taacactatg 60

cttggatttg tc 72

<210> 1848
<211> 78
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700961355H1

<400> 1848

aanggttgnc annctccatg tgttagcctg tagcctttgc tccttncgtc gtgnggtgtt 60

atnganggac agtgagna 78

<210> 1849
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700961356H1

<400> 1849

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ttgcaaacct ctccaatgtt tctcgaaatt atatgaccat gcgtcgaatt cgtatgctgc 180

actccttctc cgtcgtgttc ctctactggt tctacgtttt ctcatgaact ccctctcaaa 240

t 241

<210> 1850
<211> 84
<212> DNA
<213> Glycine max

<400>   1850

gcttgtaata cgaanacaaa gcntccatgg gaagaatggg tggnggaaan ggccacnttg   60

gtncttcctt gntngagggn agna   84

<210>   1851
<211>   236
<212>   DNA
<213>   Glycine max

<400>   1851

tctcacacaa aataatggac aagaagcttg gcaacacgtc tcatgatcct gaagtgagaa   60

aggggccatg gacaatggaa gaagacttaa tcttgatcac ctatattgcc aatcacgggg   120

aaggggtttg gaactctttg gccaaggctg ctggacttaa acgtaccgga aagagttgcc   180

ggctccggtg gctaaactac ctccgtcctg atgttagaag agggaatatt acaccc   236

<210>   1852
<211>   234
<212>   DNA
<213>   Glycine max

<400>   1852

attggggtgg cctgatatgc gtttgccaat cctctataca ttatcatggc ctgacaggat   60

ttattgttct gaagtcactt ggccacgcct tgatctttgc aagcttggtt cacttacatt   120

taaaactcca gataatgtaa agtatccatc catgaatctt gcattttctg ctggccgtgc   180

tggaggcaca atgacaggag ttcttagtgc agcaaatgaa aaagctgtag agat   234

<210>   1853
<211>   232
<212>   DNA
<213>   Glycine max

<400>   1853

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cctctgggac tagctgagga cccagagaac ttgaggtggt acgttcaagc cgagcttgtg   120

aatggacgtt gggccatgtt gggtgttgca ggaatgctac ttcctgaggt tttcaccaag   180

attggaatca tcaatgcccc tcaatggtat gatgctggga aatcggagta ct   232

<210>   1854
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961403H1

<400>   1854

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attggaggtg tttcaactgg tgtttgtgag ggtggctgtg ctgctattgt ggattcagga   180

acatctttgc ttgctggtcc aactcctgtt gtggctgaaa tcaaccatgc tattggagct   240

gaaggagttc tcagtgt   257

<210>   1855
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961404H1

<400>   1855

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aaaggtgaac tctgaagcag aagtgataac agttggggca ttagacaact tgcaacaaat   120

ggacaaattc agcacaagag cagtaaccct tgaaggttat tatggcacac agcagagcgt   180

gcaagggatg ttgaacttga tgggaccaac acgtgatgat tactacggga atcaacagac   240

acttcagggg ctgggacc   258

<210>   1856
<211>   258
<212>   DNA

672

<213>   Glycine max

<223>   Clone ID: 700961406H1

<400>   1856

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ggatgtaccg aatggtaatg ctaatgcccc catcagtgaa ggaatcaatg gtgcagaagt   120

ggaacgaagg ttaagccaac ctgatgataa attttcggtt gatttagtca cccgacccat   180

gacaaacagt gttgaattca gacatgaaac ctctcagcca actgctggta ttatttcaaa   240

tgtcactggc cctgcatc   258

<210>   1857
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961410H1

<400>   1857

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ttctctcacc tgaaaatgtc ttgctgcggt ggtaactgtg gttgcggaag ctcctgcaag   120

tgcggcaacg gctgcggagg ctgcaagatg tacccagact tgagctacac tgagtcaacc   180

accaccgaga ccttggtcat gggagtggca cctgttaagg ctcaatttga gggtgctgaa   240

atgggtgtgc ccgctg   256

<210>   1858
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961448H1

<400>   1858

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ttgtcaagat gtacacatca aggaagaaaa tccacaagga taaggatgct gagccaactg   120

aatttgagga atcagtcgga caggcattgt ttgatctgga aaataccaac aatgagctga   180

aaagtgatct gaaagattta tacataaact cagctgtcca aattgatgtt tctgggaacc   240

gcaaggctgt gg   252

<210>   1859
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961479H1

<400>   1859

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atcccaaccc gaaccaacca tgttcggacc aacccaaacc gcttcccaac ctccgaaatc   120

cactctcaaa ttcctctgca gctacggcgg caaaattctc ccccgctacc ccgacggcaa   180

gctccgttac ctcggcggcc atacccgcgt cctcgccgtc gatcgctcca ttccattctc   240

cgagcta   247

<210>   1860
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961491H1

<400>   1860

caatttaaac acagaaacaa aatcaccacc ttcaaagtct tctctctcga gaatcatcga   60

ataaaactag ggtttccgat cgtcgtcgag gagaatgccg aagaacaagg gaaagggagg   120

aaagaaccgg aagcgcggga agaacgaggc ggacgacgag aagcgggagc ttgtgttcaa   180

ggaggacggc caggagtacg cgcaggtgct ccggatgctg gggaacggcc gctgcgaggc   240

gatgt   245

<210>   1861
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961509H1

<400>   1861

gaacatacca atctacaata aacgatgatt ctcattatct ccctcatttt ttctcttctc   60

tctttctccc atgcttctgt cctagatttc tgtgttgcag attatgcagg tcctattgga   120

cctgcaggat attcctgcaa gaagccttca aaggtcacag cagatgattt tgcttacagt   180

.ggccttggca ttgctggtaa cacctcaaac attatcaaag ctgcagtgac ccctgcattt   240

gatgctcag   249

<210>   1862
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961518H1

<400>   1862

cttctgtctc tagaattatt cctggacaaa gaactgctgt tttccaacgt tacttgcgtc   60

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tgatttgcag agataaagtt gaggcagaag tgtggattgc tggcctcaaa gcactgatag   180

cttctggtca aggtggtcgg tccaaaattg atggatggag tgatgggggt ctcattctta   240

atgatag   247

<210>   1863
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961521H1

<400>   1863

ctcccctttg ccgctgttgt tgttgctgca ccaccgaaca acttcccctg taaatcgcgt   60

ttcgtttgtg caaggtttta aaagatggct gatgctgagg acattcaacc tcttgttgtt   120

gataatggaa ctggaatggt caaggctggt tttgcaggtg atgatgctcc tagggccgtg   180

ttccccagca ttattgggag accacgccat actggtgtaa tggttgggat gggtcagaag   240

gatg   244

<210>   1864
<211>   117
<212>   DNA .
<213>   Glycine max

ggttaggccc aaatatgcag tttttctccc ccttgtgaag atgtatacat gtgctggaaa   60

actcagtgta acccggaaat gtagattatg tctaatgtct aatatttcat tctagtt   117

gtcgttgtga aaacactgca acgttgggtg agagaaaaaa tgttaacctt cctggtgttg   60

tggtggatct acccacactt actgagaagg ataaggaaga cattcttgga tggggtgtac   120

ccaacaagat tgacatgatt gctctttcat ttgttcgtaa aggctcggat cttgttaatg   180

tccgcaaggt tctggggcca catgcaaaga atattcagtt gatgtcaaag gttgagaatc   240

ctgaaagaag gaatttgtac tagtatggtg caactgcaag cagtagtgag tgatgaagat   60

gaaaagtggt ttccatttaa ttgaagtggt agtatgctag ccaggtagca tttacatatt   120

tgctttggtg tgtggcactg caaattaaga gcaaacaaag tcttggtctt tgtggctgtg   180

aagaagggaa gggatgcttt gcttgatgct tggaaaaaca aaaacaaaaa ggcatgagga   240

t   241

676

<400>　　　1867

atcatcagtg ctgtattgac cagtcgagca atattccaaa ggatgaagaa ttacacaatc　　60

tatgcagttt ccatcacaat ccgtattgtg cttggtttca tgttactggc cctcatatgg　　120

caatttgatt ttccaccatt catggtgctg attattgcta ttcttaatga tggtaccatt　　180

atgacaatat caaaggacag ggtaaaacca tctccatatc cagatagctg gaagttg　　237

<210>　　　1868
<211>　　　241
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700961565H1

<400>　　　1868

gaaccagttt ggaatatatt tttattcctt ctttgtttct tcactttctt ccatacacat　　60

aaccatgtct tctcagaccg ttgtcctcaa agttggtatg tcatgtcaag ggtgtgctgg　　120

agctgtaaac agggtttttgg aaaaaatgga aggtgttgag tcatttgaca ttgatctgaa　　180

ggagcagaag gtgacagtga aaggaaatgt gcagccggac gaagttctgc aagccgtttc　　240

c　　　　　　　　　　　　　　　　　　　　　　　　　241

<210>　　　1869
<211>　　　238
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: 700961571H1

<400>　　　1869

caacatcatc cgggatgtaa acggaattgc cactttccag agaacgaaag gaacaaggaa　　60

atattgaatc tgtacgttgc cttttaattc tggtggctgg tgatcatgtt aaattacatt　　120

tgtcctttct attagcataa tttggtttgt aaattctttt aagtgccatt tttatttcaa　　180

gggaaatctt aagggcagca atagttgaat tattccaggg caacaaggct atggtgta　　238

<210>　　　1870
<211>　　　240
<212>　　　DNA
<213>　　　Glycine max

<223>   Clone ID: 700961572H1

<400>   1870

gtgatttcag tgagtgatcg gtgttcactt gatctcatca taatcgtcag cgtcaattga   60

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cgttgaaggc ggctttggct gagttcatct caaccttcat cttcgtgttc gccggctcag   180

gctccggcat cgcctacaac aagctcaccg acaacggcgc tgccacccct gccggcctca   240

<210>   1871
<211>   237
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961578H1

<400>   1871

atcaaaactt ttatcatgtg actcatcgat ggatttatct cttccacatt ccaatcagag   60

gtttagcact ggagcatcaa ttaactcacc cactaatcaa aacatcagtt ctcaccctcg   120

tggatacttt cagcattccg aacaaattgg ttcagagttc tcaacagttc cccttacatc   180

atcagatagt aaaactacta gttcaagact tcctagatac taaatataca ttttttt   237

<210>   1872
<211>   237
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961586H1

<400>   1872

aaaagcttaa caggaactgc acgttatgca agttgcaaca ctcacatggg aattgagcaa   60

agttgtcgtg atgatttgga gtctcttggc tatgttctta tgtacttttt aagaggaagc   120

cttccttggc agggtttgaa agctgctacc aaaaaggaaa aatatgacaa tatttgtgag   180

aagaaattat caactaccat tgagatgctt tgcaagtcgt atcctgcgga gtttgct   237

<210>   1873
<211>   210
<212>   DNA
<213>   Glycine max

<400>   1873

ccatcttcga gattttttcgt tgcccttatt gttgggctct gaaggtaagt ttcacatttt   60

tcctgttgta acgctgtttt agttgttaaa aactactttc aatgctcaac cttgtcgtag   120

taccagcagc agccttaagt ctttgaaacg aggatgtatt aaaatgatgc cccaacagat   180

ttgcggaagt tgcgaagata atttctttct   210

<400>   1874

ctgtcatcga ccatatcact ttggtcacct tcagatacat tcgtcgcatt catccattta   60

acttccacaa attcctacaa attctaacca aacccttcac tactccaaat cccacaactt   120

ctctctttttt tttccctcct tcttttcccт ttttctgttg tccgatcttc tgcctcctag   180

atcttggtat ttgggattga tcacctggag ttggaaatgg ttaaaagtta tggagtgttc   240

tgatttgcga aagatatcat gttgcagtgc tta   273

<400>   1875

gcaaataaag cacagaacag ttgaagtgaa tggcataaaa atgcatgttg cagagaaagg   60

agagggtcca gtggtgttgt tcctccacgg cttccctgag ctctggtact catggcgcca   120

tcagattctc tctctcagct ccctcggcta ccgcgccgtc gctcccgatc tccgtggcta   180

cggtgacacc gaagcaccac cttcaatcag cagctacaac tgcttccaca tagtgggtga   240

tctcgttgcg cttattgact ctctgggtg   269

679

<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961659H1

<400>   1876

ggattttaat agccacactc taactggtgt ggggtttttt aaccccccgg ctagggaaaa   60

cagcgtgaaa aagttgcagc aagagataaa acttgaataa gttcatatat ttgaagtccg   120

atcaagcatc aattctcata ttgctgtttg tgatcttttt tcattttcat tttttccacc   180

ttttcttctt tttattacag tttatgctgt atttgtaccc ctatcaaggc acatgtatct   240

taattatgct gtttgttatc ctgtcta   267

<210>   1877
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961665H1

<400>   1877

gtgtgagagc aaaatcaaaa tgtgggcaag cgcagaaggt ggtgctccgg aggttactct   60

ggaaacttcc atgggttctt tcaccgttga gctgtactac aagcatgcgc cgaggacttg   120

taggaacttc attgaactgt ctcgccgagg ttactacgac aacgttaaat tccacaggat   180

catcaaggac ttcatagtac aaggtgggga tcccactgga acaggaaggg gaggagaatc   240

catatatggt gcaaagtttg aagatg   266

<210>   1878
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961704H1

<400>   1878

aaaatgccca cttttttct tccaacgctc ctcctccttc tcatagcctt cgccacctct   60

gtctccggcc gccgtgacct cgtcggagac tttctccggc tgccctccga aactgataac   120

gacgacaact tcaagggcac ccggtgggcc gtcctcctcg ccggttccaa tggttactgg   180

680

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aattacagac atcaggctga tgtttgtcac gcctatcaaa tattgaggaa aggtggtctg    240

aaagaagaaa atattat                                                   257


<210>      1879
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961714H1

<400>      1879

attcattcaa gattcagcaa gtgcgttttg gaagcagaga ccgaaatact tcgagatggc     60

ccgtacaaag caaactgctc gtaagtcaac tggaggaaaa gctcccagga agcagcttgc    120

aaccaaggct gcacgtaagt ctgcaccaac aactggtggt gtgaagaagc ctcatcgtta    180

tcgccctgga actgttgctc ttcgtgagat taggaaatac cagaagagca ctgagctcct    240

aatcaggaag                                                          250


<210>      1880
<211>      246
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961770H1

<400>      1880

atccgcaacg gaggcagaga ttgagcgtat gatatgagag agaagacgga acaaaatcaa     60

gggcggagaa tgccccatgg ctgacatcat gtcggttaac actttattca gacaacacta    120

tactcattaa tcaaaatcaa atgacctaac cactctctct ttttcccaat tttcgaatct    180

ctctcctcca tggacccaac ttcgatccct ccccctccgg ccaccaccgt ccccttcact    240

gtcgaa                                                              246


<210>      1881
<211>      240
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961778H1

<400>      1881
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tgaaaacgtg aagaagagtc aatatgctgt cagaggtgaa ttataccttc gagcttctga    60

acttcagaaa gagggcaaaa agattatctt tactaatgtt ggcaacccgc atgcattggg   120

acagaaacca ctgagcttcc ctcgccaggt tgttgctttg tgccaagctc cattcctact   180

tgatgatcct aatgttggac tgctattccc tgctgatgca attgcaagag ctaaacacta   240
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<210>   1882
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961785H1

<400>   1882

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gtgtagactg tcgagcagtg aataccagtt gctcctatag ccggcgctca acaacatggc    60

ggacaaggca gtcaccatcc gaaccagaaa gttcatgacg aacaggcttc tctccagaaa   120

gcaattcatc gttgatgtcc ttcatccagg gagggctaat gtttccaagg ctgaactgaa   180

ggagaaattg ggcagaatgt atgacgtgaa agacactaac actgtatttg tcttcaagtt   240

tcg                                                                 243
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<210>   1883
<211>   238
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700961790H1

<400>   1883

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gccagttcgt ggaggccgtg gaggtggacg aggtggggga cgtggatttg gacgtggtcg    60

tgggtttagt cgtgactcct cgantgatga gaactcattc cctaccagca gagctcctta   120

taatcagggt cctttgaag aaggagatgc tgggaagtct tctgaaagac gcagttatgg   180

tggaccacga gttccttacc gtggtggtcg tcgtggaggt ttcagcaatg gtgaaatg    238
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<210>   1884
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961802H1

682
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<400>     1884

gacaaaatga agagtttttt gttgtggcgt gtggccattg tggaaaaaaa tagaccctat      60

gttgcaatgt tgttcattca gtttgtgtat gctggaatgg ccttgctttc caaggctgca     120

atttccaagg gaatgagccc ttatgtgttt gttgtttata gacaagcctt tgcatcagtt     180

gctctatctc catttgcttt ctttgacagc aagcaaccag ctcctttgtc atgcaacttg     240

ttgtgcaaat                                                             250


<210>     1885
<211>     244
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700961805H1

<400>     1885

cagctatttt ʼtctaaagctg taaaatttta tttttgattt tttgagatct tagagatgtt      60

ttttgaggga aaagtcaaac cataaagcta tggattttat tttcttgtta gctaatcagg     120

tgccatgttt ctccgaaggt gtcccattag gggtccaatg tttttgtatt tcattagtct     180

caatttactt atttttgttg acatagtaat tgtttaactt gtcagttcat aaataacatt     240

atcg                                                                   244


<210>     1886
<211>     242
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700961812H1

<400>     1886

ctcttggcat cttgtgttgt gtccctcttt taagctattt ccttctctta acacaattgg      60

ttgtgccaat tgccatagtc accaaccaat taacaaaggt atatatatca tcatatcatc     120

accaaatgaa aaatattggg ̇ttgttttttc ttgtggtggt ggctactttt gtggtggcag     180

ccacagctgg tagcttttac caagactttg aaataacgtg gggtggtgag cgtgccaaaa     240

tc                                                                     242


683

<210>    1887
<211>    243
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700961813H1

<400>    1887

gagatttcat tccccatcaa atctcttcct tctctctcct catttccaaa gttcccaact    60

ttcctaaccc gagctgcaag gaatgccgct gatattagcg aaaagcgatt cgatccagat    120

tcgcgaggtg tggaacgata acctggaaga ggagttcgcg ttgattcgcg aaattgtgga    180

caactaccct tacatcgcca tggacacgga gtttccgggg atcgttctcc gaccagtggg    240

gaa    243

<210>    1888
<211>    250
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700961817H1

<400>    1888

aaggacttga aaatgtgatt gcaagacaca gtcgtttagg caaagcaacc agacttgctg    60

tagaggcatg gggtttgaag aattgcaccc aaaaggaaga gtggtacagt gacactgtga    120

ctgctgttct tgttcctgct tacattgata gtactgaaat agttagaagg catggaaga    180

gatacaattt gagcttaggt cttggactga acaaagttgc tgggaaggtt ttcagaattg    240

gacatcttgg    250

<210>    1889
<211>    232
<212>    DNA
<213>    Glycine max

<223>    Clone ID: 700961891H1

<400>    1889

catctcctga gatgctatgc tgtttttgcc ctgctccttt taggcagttc cttgagattg    60

tagtaaacat gaagtttgat gaagaaccta actattccag gctaatatct ttgtttgatg    120

gtatgcttgg accgaatcct gcattgaggc caattaacac tgaaggtgct caaaaggttg    180

ggcagaagag gggtagattg aatattgagg aagaggatga ttcacagccc aa      232


<210>      1890
<211>      264
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961901H1

<400>      1890

gtttgggtct tttaacacgc aaaacgacgc cgttgagaat gggaataatg ctgaaacgcc      60

gttgatggaa tcggccaagg tttcgattct tgactccggc gcctcgatgt tctccggcat      120

ggaggtggct gcgcggacga ctctgccggt gcggggacgt gctgccgtga agttccggtg      180

gggagttagg attccggcgg agttcaaggg gaacaacgcg tttcagaaga ttccgtttct      240

cgtaatggat aagatcggcg tgga      264


<210>      1891
<211>      254
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961910H1

<400>      1891

gccgccgcag agttcctcgc atttgaatga agagaagaag aaaccgaggc ccaaggatgt      60

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ggaaacagga gctcctgcca gggtgaaacc ttttggaatt gaagtccgta atgtaaaatg      180

cttaagatgt gggaactatg gtcaccaaag tggtgatcgt gagtgtccct tgaaggatgc      240

tataatgcct aatg      254


<210>      1892
<211>      258
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700961918H1

<400>      1892

gaggatatag aagaaggagt agaaggtact ggatttgatg atgagaaatc actacttatg      60

tcacaaatga gtcttgagaa aaggtttggt cagtccgctg tctttgttgc ctctacgctt    120

atggagaatg gtggtgttcc tcaatctgct actccagaaa ctcttcttaa ggaggctatt    180

catgttatca gctgtggtta cgaggataaa actgattggg gaagtgagat aggatggatt    240

tatggttctg tcacagaa                                                   258


<210>     1893
<211>     252
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700961928H1

<400>     1893

ttctccattt ccattttctc tctcactttt caagaatcgt aagctatggg aaagtcttac     60

ccaactgtga gtgctgatta ccagaaggcc gttgagaagg cgaagaagaa gctcagaggc    120

ttcatcgctg agaagagatg cgctcctcta atgctccgtt tggcatggca ctctgctgga    180

acctttgaca agggcacgaa gaccggtgga cccttcggaa ccatcaagca ccctgccgaa    240

ctggctcaca gc                                                        252


<210>     1894
<211>     259
<212>     DNA
<213>     Glycine max

<223>     Clone ID: 700961933H1

<400>     1894

aaaggcttaa aaatgagcaa gtctttgggt aatgttgtgg atccacgttt agtgattgaa     60

ggaagtaaaa atcaaaggga atcacctgca tatggagctg atgtcctccg actctgggtt    120

tctagtgtag attatacaag tgatgtgatg attggcccac agattcttcg gcaaatgtct    180

gaggtttaca gaaagttgcg aggaactttg agatacctct tggcaaatct tcatgattgg    240

aaaacagaat acactgttc                                                 259


<210>     1895
<211>     241
<212>     DNA
<213>     Glycine max

<223>      Clone ID: 700962010H1

<400>      1895

ttttctctct cgatacaaaa atacatagaa atggcctctt ctcttgcatc ctcatcaact    60

gttctctgga tccttttttct aaccattgca actcttcatt tgagttcagc caggaagttg   120

tccgggtcag acccgcagtt gcagtttcaa taccacagag gccctctcct caaaggcaaa   180

atctcagtaa acctcatttg gtacggtaaa ttcaaacctt ctcaaaaagc catcgttgct   240

g                                                                   241


<210>      1896
<211>      236
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962012H1

<400>      1896

caattgttga aaatattctt aaatatccat actttgaaaa tagacaattt agttcttgat    60

agatttatga gacctattct gtatgttaat cttgggtatc atgttatcat cattatttttt   120

attattttac atgaatcttg ggttgtagca tttgcgatca ttggtttgtt attggtgaat   180

ttacgtaaat gttggctgat ggttgctgca tctctttttga tcttttttgt ttttgg      236


<210>      1897
<211>      235
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962014H1

<400>      1897

cttggaggct tcatccttcc aaaacgtgaa attcctgatt ggtgggtgtg ggcttactgg    60

gtgtcaccat tgacatacgg ctttaatgcc ttgtctgtga atgaaatgtt agctccaagg   120

tggatgcatc cacagacttc ttctgataaa aataccacat tgggtctatc agtactaagg   180

aactttgatg tttatgctaa aaaagattgg tactggattg gagctgctgc tcttc        235


<210>      1898
<211>      235

<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962015H1

<400>      1898

ttcgaataga ttatcctaag tctttgggaa tagtgctgca atggcttcaa gtcaggagga      60

ggtgaccctt ttgggagcta ctggaagccc atttgtgtgc agggttcata ttgccctcaa     120

gttgaaggga gttcaataca aatatgtcga agaaaatttg aggaacaaga gtgaactgct     180

tctcaaatcc aacccagttc acaagaaggt tccagtgttt attcacaatg agaag         235


<210>      1899
<211>      233
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962031H1

<400>      1899

ccccatacac ctacaatcta agaaacacag gccctgatga tgtttacatt aaagttcact      60

actgtggaat ttgccattct gatctccacc agattaaaaa tgatcttggc atgtccaact     120

atcccatggt cccaggacat gaagtggttg gtgaggtact ggaggtggga tcaaacgtta     180

gcaggttcag agtgggagag ttggtgggag ttggactcct cgtaggttgc tgc           233


<210>      1900
<211>      232
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962045H1

<400>      1900

gcttcatctt gataaataca caggtactgg cttccaatca aaagggtcct acttgtttgg      60

tcacttcagc atgtacataa aattggttgc tggtgattca gctggcacag tcactgcttt     120

ctatttatca tccacaaact cagaacatga tgaaatagac tttgagttct tgggaaacag     180

aaccgggcaa ccttatattt tgcaaacaaa tgtgttcacc ggtggcaagg gt            232


<210>      1901
<211>      231

<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962046H1

<400>      1901

aattagttca ttctctttgc gcagttccct acctctcctt tcaagatgca gatcttcgtc   60

aagaccctca ccggaaagac catcaccctt gaggtggaaa gctctgacac catcgacaac   120

gtcaaggcca agatccagga caaggaagga attcccccgg atcagcaacg tctcatcttc   180

gccggaaagc agctcgagga cggccgtacc ctcgccgact acaacatcca g             231


<210>      1902
<211>      235
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962057H1

<400>      1902

cagatttcaa agcagctgta gcaagggctg gccatcctga atgggaactg ccagatgacg   60

caggcaagta caatgatgtc ccagaatcta ctggattctt caaatcaaat ggcacgtatg   120

tcactgagaa agggaagttc ttcttgacct ggtattctaa caaattgctg aatcatggtg   180

atcaaatact agatgaagcc aacaaagctt cctgggctg taaagtcaaa ttagc          235


<210>      1903
<211>      232
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962058H1

<400>      1903

ctatgcttcc cagattactg ccaaacccag gcttcttgag cctgtctacc tggttgaaat   60

acaggctcct gaacaagctc ttggtggaat ctacagtgtt cttaaccaga agcgtggaca   120

cgtgttcgag gaaatgcaga ggccaggtac cccactatac aacatcaagg catacctccc   180

tgtcatcgag tcctttggtt tctcgagcac attgagggct gcaacatcag gc             232


<210>      1904
<211>      229

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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962060H1

<400>      1904

gagatgttga ctgcctccaa tcttattcct ggtgctgtct attggaccat tcggagtatt    60

gtgtcctgtg catcgcatat tttaggcata actggcttgg gtcaaggata tatgacatca   120

acaacagaga cttgggagct ttccagtttg gcccataagc ttgataacat aaatagtcac   180

cttcgaaagc aactcaccgt ttgtcgtcag catttagatg ataacagac                229


<210>      1905
<211>      230
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962061H1

<400>      1905

agaaagtctt ttgcttttga ttctgatgcc cctggtgctg gcatgactga gaaaagaaaa    60

gtcttcgaga tggctctgag cacagcagat gccacattcc aaaatcttga ttcatcagaa   120

atttccctca ctgacgtcag tcattacttt gactcagacc cgactaatct ggtacaaaat   180

ctaaggaaag atgggaagaa gcctagtgca tacattgctg atacaaccac                230


<210>      1906
<211>      229
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962063H1

<400>      1906

gaagcactga gcagttgagg aaatgggaac ccttgggaga gcgatctaca gcgttggtaa    60

ctggattcga gaaactggac aggccattga tcgtctcggt tcccgtcttc agggcggtta   120

ctacttccaa gagcagctct ctaggcatcg aactctgatg aacatatttg ataaggctcc   180

tgttgttgat aaggatgtat ttgttgcgcc aagcgcctcc gtcattgga                229


<210>      1907
<211>      229
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962064H1

<400>   1907

aaaggagttg aaaccatcgc ttattccacg atcgcctctt actcagctga actaatggcg   60

gtggttgggt cctctgttct tgagtcaaat ttgtatttct attgtaacat cacattgcct   120

ttgttaccca ttaaattgtt ggaagaatgc atcatcatcc gcagatagat tattgtattt   180

gatatttaga gcaaagtact catgtaaatc ccaccttggg atgaagtat   229

<210>   1908
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962073H1

<400>   1908

gggaagagga accctagcta gggtttggaa gaagctgatc cgagaagatg gtgcagcgtc   60

tcacctaccg caaacgccac agctatgcta ccaaatccaa ccagcacaga gtcgtcaaga   120

ctcccggtgg caagcttgtt tatcagacca cgaagaagag ggccagcgga cccaagtgcc   180

ctgtcactgg aaagaggatt caagggattc cacatttaag gccagcagag tata   234

<210>   1909
<211>   227
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962077H1

<400>   1909

atttaatgag tttgtgaatt ccctgctttc tgattctaag gatttctggc ctacaatatg   60

atgatttagt gaaggttgac tgtaatttgt atgagatcca aattgagaag tatcttgtgg   120

aaggactaaa tacttgctta atggttcata agggtcaatt gttggtatct ctggagaccc   180

tagtgttcca tttgtgtact ggatttctgt gggtttatct gcactat   227

<210>   1910
<211>   227

691

<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962079H1

<400>   1910

ctcttttga aaacactta gtttcgcaaa gttgattctt tctctctta tctttctttc   60

cccaatttgt gagtgttact gttgaatcga ttggattggc attaggttga tctgaaatac   120

gcaattgaca tggcgagcgc gatggtagag gacgcgaact tcgaagatga ccaactagcc   180

aatatgacca ccgacgacat cgtcagagct tctcgtcttc tcgacaa   227

<210>   1911
<211>   242
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700962082H1

<400>   1911

gaaccgtcga gctcgctgga agaccaagac gctggagaag gattacgagg ctctgcatgc   60

aagttttnag aatcttaagt ccaactatga cagcctcctc aaggagaaag acaacttaaa   120

agctgaggtg gcgagcctca atgagaaggt gcttgcaaga gggaaacaag aggggcacat   180

gaagcagcag gctgaaagtg aagaagaaac aaaaagatta ttgcatttgc aggaacagga   240

ac   242

<210>   1912
<211>   233
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962088H1

<400>   1912

cacactctct ttcttctgct gcaccagcaa caacagagaa tgaacagtac tgaggagggg   60

atgcaaggca taggcatagg cataggctgc ttccaaaacg acgtcgtagg gcagctggag   120

ctgagtccca ctatgagcaa ctcctcctcc tcgctatcca tggagctgga cgagtccccg   180

gagagcagaa tccaacggtt gatatcggag cacccggtca tcatcttcac ccg   233

692

<210> 1913
<211> 230
<212> DNA
<213> Glycine max

<223> Clone ID: 700962089H1

<400> 1913

gagcaaacaa acaactagca agggaagaaa gaaactacag aaaagaaatg gcttccactt   60

ctgcagtttc aatggctatg ccagtaactt atgctagcca gaagagggtg gtgcctagct   120

cggatgcatt cttcaagcca ctgcctctac ggtcttccaa ggcagtgaca gcatcaaaac   180

tcaatggaag gtttcaagtg agggcctcca tgaaggagaa agttgtgacg   230

<210> 1914
<211> 225
<212> DNA
<213> Glycine max

<223> Clone ID: 700962090H1

<400> 1914

gggagagatc gcacgggagt tgcccggggt ctctctctcg tgtggtgtgt ggtgtttgct   60

gtgctctcct tttcgttatg ccttttatta ttacctatct gtcgctccac tccgtattac   120

gactctggat cagagggata catcagagga ttcgctccaa ctcctatcga ataaggtatt   180

atctgtcaat ttacattgga aagggttagg atattcaatt ttaca   225

<210> 1915
<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700962093H1

<400> 1915

gctttattag aagcgaagtt ggttttgtca ttactcttac aacgcttctc atttgagctt   60

tctcctacct atgcacatgc tccagtcact gtgctcactc ttaatccaaa atttggtgct   120

catatcatct tacataagtt gtagtgtcat ctattaattt gtatcctgca cacctaatta   180

tctccattcc tttcttatgt tctaatctct tgtatttata gagg   224

<210> 1916
<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700962094H1

<400> 1916

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atcaagcacc gagtcctctt ctatccgtgt gtggtcgcga ctacgcttct tcgtaactcg    60

aagcgcgtga aaaaatagc ttcttctgga tctggatcac gaaagccatg gcgttttgga   120

gatctctcgt agcgttctct gcggttcttc tgcttctcat ccatggctct cactgcttct   180

acctccccgg cgtcgctcca caggatttcc agaagggaga ttca                    224
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<210> 1917
<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700962096H1

<400> 1917

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attagatctg atgaattaat tgagcatctg agtgcagaaa gaatagagga tcgtggtcga    60

tggcgtctgc tagccttgga agtggtgggg tcggcagttc gaggtctgtt aatggtggct   120

tcaggggttc ttccagttcc gtcgattggc ttggcagaga gatgcttgag atgaggttga   180

gagaccacga agacgataga gatagtgagc ctgacatcat tgat                    224
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<210> 1918
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700962104H1

<400> 1918

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acaatacaac actgccatgg ctgcctcagt ctccactatt ggagctgtca acagagctcc    60

actgagcttg aacagctctg aagctggaga ttcggttccc agttcagcct tctttggcac   120

aagcttgaag aaggttactg cctcaagggt ccctaacgtc aagatttctt ctggaagttt   180

caaaatcgtt gcggcggaga aagagattga tgagcaacaa cagacaaaca aggacagatg   240
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694

gaaaggtctt gcctat   256

<210>   1919
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962108H1

<400>   1919

gcaatgaatc tgatgcaggc ggttcgctac gacgcctacg ggggaggtcc tgccggcctc   60

aagcacgttg aagttgccgt tcccagtcca aaggcaaatg aggttttaat caaactggaa   120

gcagttagca ttaaccctat tgattggaag attcagaagg gtcttctccg tcctttattt   180

ctccccagaa cctttcccca cataccttgc actgatgtgg ctggagaaat agttgagatc   240

ggaactcaag tcaaaga   257

<210>   1920
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962116H1

<400>   1920

cctttcctga tttcgttaac cctgcgggga agaaaatatc taaaagagaa aagatacaaa   60

ttaatgtgga tgctgttact ggaggtgagc ttctgtgcaa gacattaagc cacccactga   120

aggaagtgag gcgtcatgtt gggagcatgg gcttcttata tgattccgat gttctttcat   180

ggtctaaagt tgattttagc tttttcatatg ctgtttcttc aagtcatata actggtggtg   240

ttcttttgga atctgcatc   259

<210>   1921
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962121H1

<400>   1921

gtcgatgcaa tttcaattct gatcatgtca attttctctt ttctctatac tatttcctgt   60

695

tgctgttttt gttacaaaat tgttgctttg ttttttgtttt ttttgttttc attttatctg   120

ttttgtggtt gatgtcggcg tcgaattacg aattctcgct tgggtttctt caattttcta   180

gaattttgtt atggaagttg tgaatctatt ttaaaacttg tcaaattact gatactcatt   240

ttgaaataat tt   252

<210>   1922
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962124H1

<400>   1922

ggtgaatcga tgccagattc aggaatggta tctaaagttc aaatctgtat ccatcaagac   60

cttaattcgt caacttccgg aatcatttat tcagtacctt ttagatgact cggggcccttt   120

cttgttgcat gtttctgtct taaatgaaga tgcattaccc aatagaattc ataacccaga   180

tgaggaagat gattttcagg tgtcagaagg atctggagat gaagcagaag aaggttctcc   240

accgccttct tttcc   255

<210>   1923
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962129H1

<400>   1923

cttggctatt cgagaaaccc gaatcaaggc tgcgcctgtg catgcatcag cccattggta   60

tctggagaat gttttgcctg ttctacagag ttatggtatt gctgcaatct ctccattttc   120

tcacagactg agttttgaca acttgcctat ggatattcaa cacctacgct gtaaagtcaa   180

cttccaagct ttaacctttg ttcctcatat cagagcactt ggagatgccc ttatcagccg   240

ccttcgctat cctg   254

<210>   1924
<211>   254
<212>   DNA
<213>   Glycine max

696

<223>　　　　Clone ID: 700962135H1

<400>　　　　1924

caaagagaca attcaactta agagatcaat atggccacca ccactaccca gcctccctct　60

aatatctgtt ttttccttct gttgttgctt ctagcacact ttcatttggg cataagccaa　120

cttgagctga attactactc taaaagctgc ccaaaagctg aagagatcat caaggaacaa　180

gtcacacaac tatataacaa gcatggaaac actgccgttt cgtgggtcag aaatctcttc　240

cacgattgcg tggt　　　　　　　　　　　　　　　　　　　　　　　　　　　254

<210>　　　　1925
<211>　　　　251
<212>　　　　DNA
<213>　　　　Glycine max

<223>　　　　Clone ID: 700962136H1

<400>　　　　1925

gttgcgtttt aggcctacca gacaaagact atggagagat tgttagtgca atcgttgtgc　60

cagaggccga tgttaaacga aaacaagatc aagaatcaaa gcctgttcta agcctagaag　120

aattatccaa ctgggccaaa gacaaaattg caccttacaa gattccaact cagctaatcg　180

tgtgggataa actccctcgc aatgccatgg ggaaggtaaa taaaaaagag ctgaagaagc　240

tgcttgtttc a　　　　　　　　　　　　　　　　　　　　　　　　　　　　251

<210>　　　　1926
<211>　　　　249
<212>　　　　DNA
<213>　　　　Glycine max

<223>　　　　Clone ID: 700962142H1

<400>　　　　1926

ctcggaggaa tgggttgcag cgccgggatc attggtgtgg acctggccaa ggacattctt　60

caggcgaacc caaataacta cgcggtggtg gtgagcacgg agatggtggg gtacaactgg　120

taccagggga aggataggtc tatgcttatc ccgaatagct tcttccgcat ggggtgttcc　180

gcggttctgc tttccaaccg tcgaagggac tatagccgcg caaagtaccg ccttgaacac　240

attgttcgc　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　249

697

<210>   1927
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962151H1

<400>   1927

gttctcgctc tcttattcct ttctctcttg tcttctctcc gaatccacgt cctagatctg   60

ttgttctctt cccacagttc tcactgaatc aggatccatt ttgataccaa gttgctgttt   120

agagatctgt ttccttctag acaacggtct gtggtatctg ttattttagt tgaatcgaag   180

ctgcaacaaa atcttcctga tctttgcttt gaggttatgg catcggcggg tgtagcacct   240

gcttctgggg   250

<210>   1928
<211>   121
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962153H1

<400>   1928

gaacaacagg gaattaattt ccttcatcat tatctcacca tggcaccatt cactccgtcg   60

aagttgcttc tgttaactct ggttttcacg ttgagccaga aacagagtct ctgttccaca   120

c   121

<210>   1929
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962161H1

<400>   1929

aaagaaaaag aaaaagaaaa agcatacaac gatggctatg aatggatcac ctcgacggtg   60

ggacgtgaga ttagttttga cattttctct acttttaatc tcagcctctg tttctgctct   120

tgaacatgta aaccacaaaa agattgatcc caccaccgct gaaactagtt ttcttggcaa   180

agtcatgaac tttttgtgga gctcatctgg gtctggatac gaacatactt ggccagaaat   240

698

agaatttggg   250

<210>   1930
<211>   121
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962172H1

<400>   1930

gctcagctga gtagtgttgt tggtattttg gggtctgatg tatcataatg cttgacttga   60

ctgtctatcg tggctttcat gctgcgagaa ataataaatt caggtaactg tttgtccttg   120

t   121

<210>   1931
<211>   118
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962179H1

<400>   1931

attgactgtg atgaaataat gttcattttg ttttcttgat atttcacaca tgttgtgttt   60

atatttgaca atatgacttc tatttacatt gcttaatggt atgtgatgtg ttcttatg   118

<210>   1932
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962180H1

<400>   1932

aagaagtcct gagaaggcat ctagaacaaa gctctgaatc tgattttgaa aactggaacg   60

cgtaaaatga acggtacccc tccctcataa ataaaatcta ctactaaacg ctcttctctt   120

ctgcaatcaa tttgcaaacc aaacacaaca caaggagaag aaccagatct ctctttctca   180

aatcaccaag aatagttgaa aatggggctg tctttcacga agctgttcag ccggctcttt   240

gcgaagaagg agat   254

<210>   1933

<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700962187H1

<400> 1933

gcctaaggtc ccatctggga gttacaacat agctcaggta acatatgaat taaatgtgct   60

tgggactcga ggaccaagaa agatgcactg cgttatgcat tcaataccag cttcagcact   120

agatgcaggt ggcactgttc ctggccagcc agagcttctt ccccgttccc tggaggactc   180

gtttcggagc atctcgtttt caaagtctct agatcattct attgagttca gcagttcgcg   240

atttt   245

<210> 1934
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700962190H1

<400> 1934

ccctaatgta aatagttctt ccaattgctt ggttaacaca tcaacccatg tttctgatac   60

aaaaccatca ccacataagc ttgggtttga tttgcaaaat cctccaggtc tgtccagaag   120

atgtattaca agcaggaggg gaaggagaca ccctgatata aatagttctt ccaattgctt   180

agttaccaca tcaactcatg tttcttctac aaaaacatca ccgcataagc tgggatttga   240

tttg   244

<210> 1935
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700962191H1

<400> 1935

cttttgtttg ttcttcagta ctttagtgtg tgatttaatt ccaagatttt gagaatgtct   60

agctgtgggt gtggaagtag ctgcaactgt ggcagcaact gcggttgcaa caagtactct   120

tttgacttga gctatgttga gaagacaacc acagagactc ttgtttttgg gtgttgggtct 180

gtgaaggccc aattggaggg tgctgaaatg ggtgttgcag ctgagaacgg tggctgcaac   240

tgtg   244

<210>   1936
<211>   284
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962236H1

<400>   1936

atccatttag aaagacattg tggttaccca tagtctcata gtgtcatact gcaacacaaa   60

acaatgggtt cccttatggc aggatgggac tctacccaca tagatcctca atcagccaca   120

cttaaaagga accgctcact caccaaggat gaaattgatg cttactggaa atcaaagaag   180

aagatagagg aagaacacct tagagctatt tccaacttgt cagagactat tcaggctagc   240

aaaagcacag aacctgagaa gaagttgcag aagtcaatga ccat   284

<210>   1937
<211>   284
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962249H1

<400>   1937

tggaagggtt atatcagtta aatggggtga ttatacaagg cgaataggta ttgatggcac   60

cccagaagcc attaaagaag caattagggc tgcttttagg ttgagaacta aacgtacatt   120

ttggttggag gatgaagatc agattatcag aagtattgac cgtgaaatgc ctttaggaaa   180

ttacactctt cacattgatg aaggaatggc cattaaatta cctctctatg atgagcctga   240

ccatatacct gtgcatactg aagataagat attttacact gaag   284

<210>   1938
<211>   270
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700962277H1

<400>   1938

701

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ccatggnagg aaatgatcag gctattgcaa acgaatganc ccttgtggat gaaaggtgct    60

gatgggaggg atgtccttga tcttgattcc natganagaa tgttccccaa ggcnaatagt   120

cacttgaaga accccaatgt tcatgctgaa gcttcnagag attcaggagt tgnaattatg   180

aacggcttaa ctttggttga natgttnatg gacccgaaca agtggatgga gntatttccc   240

accattgtca caatggctag aacaattgag                                    270


<210>      1939
<211>      270
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700962294H1

<400>      1939

aattggttca taaatgcacg agtacggcta tggaaaccaa tgatagaaga aatgtacaaa   .60

gaggagtttg gagagttttc tgaagactcc aacccggctg gtaacaacta cttgacgagg   120

gaagatacca cggattgtgt agaggattga atcaaaagct ccagtgaaca aaaaacttat   180

tgtttgacaa acatgggcct ttaaatgctt gcnttttttcc tccaaaatcg agagataaac  240

attatgtaac atgacaagat gatgagccaa                                    270


<210>      1940
<211>      171
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962305H1

<400>      1940

ttacaatctc accagtgatc ctgtaattga gtttgaggga caacaatagt gatcttctcc    60

ccccaaaatg agtgtctttt gcattttcca tcttcaatga tggatcactt ttttggtaca   120

taatgatgaa actcttacgt tgggctggtt aatgtagtcc actaagcatc t            171


<210>      1941
<211>      267
<212>      DNA
<213>      Glycine max
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<223>   Clone ID: 700962316H1

<400>   1941

aacaccttct ctgcacgcaa aaaccgcgaa aagaactaga accaaagatg cagagattca   60

aagctctgct acctcaacaa actaggtcct cacttcgcac tctctgttct caccgtcgag   120

ctttctccgc tcaaccgaat tacgcaaagc accacgacga cgattctcag gaacagattt   180

tagtcgaagg aagagcgaaa tcacgagcag ctattctcaa caggccgtct tcgctgaact   240

cgctcaatgc ttcaatggtt gctcggt   267

<210>   1942
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962334H1

<400>   1942

cagtcctgca catgttatgc cgcttctgga aattgtacgt accaagcaga cctctgccca   60

agtgatagtt gacgtgttag atatttcaaa gaagataaag aaaactccag tggtggttgg   120

aaactgcaca ggatttgctg ttaataggat gttcttccca tatacccaag caggtctctt   180

gcttgttgaa cgtggtgcag atgtttatca aattgataga gtaataacca aatttggaat   240

gcccatgggg cctttcagat tgatgg   266

<210>   1943
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962341H1

<400>   1943

tgataaagtt cagcatgtag atctttctga cacaattatg cagggttctg ctgtcagttg   60

tcagaaaata ccttggaatg agggaaatgc caagttagaa gacagagaaa gttctggcaa   120

gaagttaaag acaggtttcg gtgggattta tggttctgga ggtagagact cttttaatga   180

cagttttaca tctcttggaa ataatcttgg ctcctgttct tcagttgagg acaaaggatg   240

tgaggaagct tgtgat   256

703

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<210>      1944
<211>      255
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962343H1

<400>      1944

ctcgatgttt ccaggtgtgc aatcactgat actggtatcg cagcccttgc ccgaggaaaa    60

cagttcaacc tggaggtact ttctttggca ggttgcgcat tggtttcaga caagagcgtg   120

cctgcattga aaaaattggg ccgttccctt gctggattaa atatcaagct ttgcaatgca   180

atcagcagcc gctcagttga caagcttctg ggacatctct gcatgtgtga catcctctac   240

tgaacaggaa aatgc                                                    255


<210>      1945
<211>      61
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700962347H1

<400>      1945

cgaactgcac aacttgttca ttctagttca gttgttccac acaacatacg nncnccnana    60

a                                                                    61


<210>      1946
<211>      254
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700962359H1

<400>      1946

gggtactgtg cttggaaata tgatgggaga ttcttggtta agagcacacg agcaatataa    60

ggactattat gcagcacttt atttgaggac cagctgggga aagcttctat ctattcttgt   120

agttccaagg gacatacttt caccctccag tgcaagtgtg acaagccaag acttggcaaa   180

gagactaaat gctttcaatc tagcttttgn tgaaaggtac aagaagcaat ctaattgggt   240
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aatatccgat gaga   254

<210>   1947
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962361H1

<400>   1947

ccggtatcta gatatgcata gataaagagg aattggattt cactggcgaa cgttatgaat   60

acttgcacta ttattatgaa ttccatgcca gttccttctc ctttgttgat aaagtccttt   120

aaaacatttc catcgttcaa atgctgcagc aagagctcag atgagaaggg aagtgaagat   180

gtgaaggaca cattatctgg ggtggtggac gagcaagttg aagagttctt gagtagaaaa   240

gagaacaagg ttttgc   256

<210>   1948
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962362H1

<400>   1948

acctattcta attcctagaa gtgatggtca taggcatcgg aagggaagcc atggtgatgt   60

tatcttcttg acaaatcgtg gagagattac atcatactcc cctggcttgc atggtcatga   120

tgctatttgg cagtggcaac aatcaactgg tgttacatgg tcaaacctac cctcccatc   180

aggaatgatg gaaggtggtc tggtgattcc cacactaaag cctctttcct tacggttgca   240

tgataatcaa gaaatgat   258

<210>   1949
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962368H1

<400>   1949

tttcattacc gccgtgataa cacactaaca ccaccacttc atcaacttta cttgacaaca   60

atattgtaaa actcaaaatc tagtttcata ctttttttct tcttcttgaa atggctctcc   120

aggctgcttc tcttgttcct gcttctttct cggttcttaa agagggaaag agtggtgtgt   180

ctctcaagga ctccaccttg ttcggtcttt cattttcaga acctatcaaa gctaacttca   240

gctcttctgc atgagg   256

<210>   1950
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962378H1

<400>   1950

tacagttaca gcataacttc tattctatat ttctttctac tcgcaagcaa atcagaagaa   60

gagaatggca gcagcagagg ggctaaacag agagcagtac gtgtacttgg cgaactgtcg   120

gagcaggcgg agcggtacga ggagatggtg gagttcatgc agaaggtggt ggtggggtcg   180

acgccggcgt cggagctcac ggtggaggag cgcaacctcc tctcggtggc ctacaagaac   240

gtcatcggct cgct   254

<210>   1951
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962386H1

<400>   1951

caggtggcga gaggaacagt agtgtatacc gagagtgctt gagaaatcat gcagccagcc   60

taggaagcta cgccacggac gggtgcggcg agtacacggt ggacggcgcg gggggactac   120

aatgcgccgc gtgcgggtgc caccgcaact tccaccggaa agtgaagtac ctggcggcgg   180

ctgaaagccc tcccacggag tatgggggca gcaacagcaa gaagcggttc aggtctaagt   240

tcacggaaga tca   253

<210>   1952
<211>   236
<212>   DNA
<213>   Glycine max

706

<223>   unsure at all n locations
<223>   Clone ID: 700962419H1

<400>   1952

tggcttcttc aatccctaat gcgccttctg cgttcaattc tcagagctac gttggtctca   60

gagcgccact gaggaccttc aacttttctt ctcctcaagc tgccaaaatt cctcgctccc   120

aacgcctttt cgtctcagag cctccgattc ggagttcgaa gccgccgttg tcgccggtaa   180

ggttccgccg gcgcctcccg tgccgcccag accggcggct ccggttggaa nccggt   236

<210>   1953
<211>   136
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962431H1

<400>   1953

caatgatgta atttagcatg taagatgtaa tgttatgttg ttgatttctt tgctttgttt   60

ggtcttttgt tgaaaaggga atccttgaaa tattgcttgt acatgatgtg ggataattca   120

tttagtcttc agtagt   136

<210>   1954
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962434H1

<400>   1954

aaaaaaaatg ggttcttctc tgtggacctg tctgattttg ttatcacttg cttctgcttc   60

cttcgccgcc aacccaagag caccaattga tgtgccattt ggcagaaact atgtgcctac   120

ctgggccttt gatacatcaa atacctcaat ggtggttctg agattcagct tcatcttgat   180

aaatacacag gtactggctt ccaatcaaaa gggtcctact tgtttggtca cttcag   236

<210>   1955
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962450H1

707

<400>   1955

attttccatt cgtagacgcc aagaacccta acagatcaaa actcagaagc tgaagccttt   60

ggggcatgag gttttgcatg tctacattta tgggatttgt gtaatttacc cccttttctg   120

gtttgacttt atcgagctga aacaaaggag aatgcaatgg acctggataa tttatgagga   180

tatttaacat agtgtacatt gtgctcctgt aattattttc atcagttggt gttgtg   236

<210>   1956
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962468H1

<400>   1956

cccctttctc tgcactctgc aactccctcc aatttagttt gagccttaga ggcattgttc   60

tttggttgga tagatctctg atctgaagat gagtgcgtcg aggttcatta agtgcgtcac   120

cgtcggcgag gcgctgtcgg caaaacctgc ttgttgattt cctacaccag caacactttt   180

cccacggact acgtgcccac ggttttgac aatttcagtg ctaatgttgt gg   232

<210>   1957
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962492H1

<400>   1957

ggaaggagag aaagaaaatc ccgatggtaa cgccgctttg gtgaactcct tctgcgaaat   60

cacttcctct tccaaggaag aagctctttt cttttttggag agccacaatt tcgacctaga   120

cgctgccgtt tcgactttcc tcgacaacgc caacaacccc ctcatccctc tcaacgacga   180

ccttgccatt cccaacccca acgccgtttc ccctccctca gattctcact ctccggact   239

<210>   1958
<211>   258
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

<223>   Clone ID: 700962504H1

<400>   1958

atcagatacg aaggcattct ctacaacatc aacacngnag agtccagtat tggcctcaga   60

aatgtgcgat cttttggaac agaaggaaga aaaaaggatg gcccacaaat tcctccaggt   120

gacaaggttt atgagtatat acttttccgt gggactgaca tcaaggattt acaggttaaa   180

tcttctccac ccgtccagcc tattccacan gtcatcngac ntgnanntat tattcagtct   240

cactatnctc acccggtc   258

<210>   1959
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962506H1

<400>   1959

gcgttgccat tctcatcctc ttctttctct ctctaccatt gccatggatc cctacaagca   60

ccggccatcc agcgccttca attctccctt ctggactaca aattctggtg ctcctatttg   120

gaacaacaac tcctctttaa ccgttggagc tagaggtcca attctgctgg aggattatca   180

tcttgtggag aagcttgcaa attttgatag ggaacgtatc ccagaacgtg ttgtccatgc   240

caggggcgct agtgcaaa   258

<210>   1960
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962512H1

<400>   1960

ctcgcaatct tcactatttt caccgagcat ttgcattcca cattgaatat ggctgaggct   60

acacaatcta atgctgagtt attggagtgg cctaagaaag ataagcgccg cttcctgcat   120

gttgtgtatc gtgttggtga tcttgatcgc accattaagt tttatactga atgttttggg   180

atgaagcttt tgaggaaaag agatattcca gaagagaaat atgccaatgc ttttcttgga   240

tttggccctg aac   253

<210>   1961
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962514H1

<400>   1961

atttagatga ggaaggagtt tctaaacaga atgatgagat gctatacgag gtaaatgcaa   60

attctggaaa ttggatgata gccgggagga aaagaggata tgcatctctg tccacaaaac   120

aaggggcaag aatagttatc tcggtactat gcatgccact ggtggctggt tatgttcacc   180

ctcccgtact tgggctgcca gatgttgatg aggcaaatat aagctgcaaa cctgctgggc   240

cacatctggt ttgt   254

<210>   1962
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962528H1

<400>   1962

atctttgtca gctttttctt gcttccgtag ttcatatggc gtgtgttcaa gtcatcacag   60

tttttctctt tgcattggct ctagctaaaa tttacccctc aacatgtcaa gtggtgcagg   120

gaaaagtctc ctgcgttgac tgcactcaca actatgactt atctgatatt aaggtttcgg   180

tgaggtgtga tggtgtgaaa aaactggctt tggctactac agaaaatgat ggctccttca   240

aggttgatct t   251

<210>   1963
<211>   236
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962529H1

<400>   1963

acggggagcg tgagttcatg ttctacagaa accccagcgc cgacatgctc ctcaagcccg   60

aagaactcaa tctcgaactc atcagatctg caaaagtttt ccattacgga tcaatcagtt   120

710

tgatcgtgga gccatgcaga tcagcacact tgaaggcaat ggaagtagcc aaggaatctg   180

ggtgctgctc tcctatgacc ccaaccttcg tctacctttg tggccttcgg ctgagg   236

<210>   1964
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962533H1

<400>   1964

gttcagcgtt caccaacaga aacagcagaa ggaaggaaaa ggtgactgca cagaggtatc   60

gaataaagtc aaaagtcgga atggtttcac tctgatcaaa ctgaggaatc gaggaaggaa   120

gggttaggat cagctagagt accttgagga gcgccggttg aaggatttga ttaagaagca   180

ttctgagttc attagctacc caatttctct ttgggttgag aagactaccg agaaggagat   240

ttctgacgat gaggatga   258

<210>   1965
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962534H1

<400>   1965

ctccaagtgc agtggcaagg gttctaagtc tggtgcttcg atgaagtgtg ctggttgtca   60

aggaactggt atgaaggttt ctataagaca tcttggccca tccatgattc agcagatgca   120

gcatgcctgc aatgaatgta agggtactgg agaaactatc aatgacagag atcgctgccc   180

acagtgcaag ggagagaagg ttgtgcagga gaagaaagtc cttgaagtta ttgtagaaaa   240

ggggatgcag aatggg   256

<210>   1966
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962542H1

<400>   1966

711

gtagaaacaa aaaccgcgga agcagccatg gccgaagcag aacacaacga tcccacctcg   60

ccggagcgcg aggaccaaac caaaagcaac aaaaagaagc tccgaaagag aaaaagacct   120

caaaagaccg agcagaaaca agaggaggag aagaacgatg cgaacattga tagcgcccaa   180

acacaaactg aagatgaagg agagaatcaa gaagacacaa atgtgaacaa caacgtctca   240

tctggaatca tg   252

<210>   1967
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962544H1

<400>   1967

ttttaaacat gcaatgtcaa gatcttctga tgatcttcat gctttacgca tgaggcagaa   60

agaggaattc atcactgagt ttcatgatca ataaggggga gatcaagaaa gagagaatga   120

aatggaaaaa cctgaagatg gtcatatgga caatttcttt gatgatggtt ttgattctta   180

tctgctttct ggttcagcag aaaactgggt aatgccaatt acagatgatt caagtgatgt   240

caaaaccct   249

<210>   1968
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962545H1

<400>   1968

acctgatgtc ttcattcaca cttcccatgg aacacgcatt ccagcccacg cacccattct   60

ggcttctatg tccccggttc tggagaactt gatagatcgc ccacgtaagc atcggagctc   120

cgagagaata atccaaatcc acggcgtccc ctgcgacgct gtcaccgcct tcgtccgatt   180

cctctactcc tccaggtgta cggaggaaga gattgaccag tacgggatgc acctccttgc   240

attgtcccac   250

<210>   1969
<211>   248
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700962561H1

<400>   1969

aatgcttaca cattcacagt tgatcaaggc aagacataca gattcaggat atcaaatgta   60

gggctcacca cttccatcaa ctttagaatc caagggcata aaatgacaat tgttgaggtg   120

gaagggaccc acactctcca aaacgtttat gactcacttg atgttcatct ggggcagact   180

tactctgtgt tggttactgc tgatcaacca ccccaagact acctcattgt cgtcacgaca   240

cgattcac   248

<210>   1970
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962567H1

<400>   1970

ggagagtgca acaacaaacg caccaggtac gctctctttc tctctcccta aatttcaatt   60

caaaccacaa acacaaaccc atatccccaa aacctgtgtc tgtcaactgc acttagagag   120

agtgagtgac gcaaccagac tagcacgcac aacacacaat aactgcatat ggataggtat   180

cagagggtag agaagcccaa ggcagagact cctataaacg agaatgagat acgcgtcact   240

actcaagga   249

<210>   1971
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962568H1

<400>   1971

tgatagacag gtgacagttg atgttccaga tataagggga aggactgaaa tcctaaaggt   60

tcatgctagc aacaaaaagt ttgatgctga tgtttctctt gaagtgattg caatgagaac   120

acctggcttt agtggagctg atcttgcgaa tctgttgaat gaagctgcta tattagctgg   180

tcgccgtgga aagacagcta tttcatctaa agaaattgat gattctattg ataggattgt   240

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<210>      1972
<211>      249
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962570H1

<400>      1972

aaaaaccctt cttctcttct cttggtttcg ttctgtgcat ctgccaaatt aggattagga   60

ttagggctac caataccaat accaatacca attctattct atggcttgct caagcgccca  120

aatacacggt ctcggaaccc cttcctcccg aaccctattt ttaggtcaga ggctaaatac  180

caaggccgcc tttatcaagc tcaagtccac acctagaaga ctccgccctc tcagagtggt  240

taatgagaa                                                         249


<210>      1973
<211>      248
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962571H1

<400>      1973

atcttgatgc tgaaaaagag atgatgtctc aatgtgtggc tcttcttgga aaatttattg   60

ctgtccgtga accaaacatt cgatatcttg gcttggagaa tatgacaaga atgttgatgg  120

ttactgatgt acaagatatc attaaaagac atcaagctca gattattacc tcattgaagg  180

atcctgacat cagtattcgg aggcgtgctc tagatttgct ttatggcatg tgtgatgttt  240

caaatgca                                                          248


<210>      1974
<211>      244
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962579H1

<400>      1974

tttggagagt ttttttgtgt tgttttgttg aggttgggtt tgtgagtgag agaatggtgg   60
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gtgctctatc tgttgtgggc tcatcagtga tggactctca cactggccct tgtttgtgtg   120

ttgatgctct cccaacaact agtgttaatc tcaagagtgg tggagatgtt ttgtacaaga   180

atttgatggg aaggaagcat aatttggtga agcatggtgg tgggaccatg aagttgagca   240

gttc   244

<210>   1975
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962586H1

<400>   1975

aaaattgctc ctgcgctgat tgctggaaac tccattgtgc tcaagcctcc aactcaggga   60

gctgtttctg ctcttcatat ggttcactgc tttcacttgg ctggtttttcc caaaggccta   120

atcaactgtg tcactggcaa aggctcagaa attggtgact tccttacaat gcatccagga   180

gtgaactgta taagctttac tggtggtgat actggcattg caatttcaaa gaaggcaggc   240

atgatt   246

<210>   1976
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962590H1

<400>   1976

atcaacttgg agcacatcaa ggccatcatc accgcccacg aggtcctcct cctcaactct   60

cgcgacccct ccgtcacccc cttccttcag gagctccagg ccaggatcct ccgccaccac   120

caccagactc tggccgatgc caaccccaac cctgacgacg ccatcaagat tctccccttc   180

gagttcgtag cccttgaggc ctgtctggag gccgcttgta gcgtcttgga aaacgaggct   240

aaga   244

<210>   1977
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962591H1

<400>   1977

aacgtgtgtt cgtttgttcg gtggtgaatt cctatccaca cgtctcaccg gaaacatgtc   60

agcggtggtt gctggttcct cctcttcatt ctctgccacc ttcaccccca taaggagccc   120

ctccttaaaa aactctcaac tctctcattc caaggcactc acttcacctc aatgccagaa   180

aacatcttta caagggctct cacttcatga agccaaaagg ggtgtttcag aatccttcct   240

agt   243

<210>   1978
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962592H1

<400>   1978

caaatcgcaa tagaaatgga aagtaacgca ccagtactag cagagaaagt gtggagcatg   60

gtacgtgtgc tgttgttcat gcttcgaaaa ggcatatcaa aggggaagct aatgatggat   120

ctcaacatga tgctcaaacg ccgcggcaag ctcgccggca aagccattgc caatctaatg   180

tcccacaacc acaaccaccg tgggtcccac aagtcgcaac ttcggttctc tgctccaagg   240

ga   242

<210>   1979
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962594H1

<400>   1979

aaaaaattag gcgtctaaag ggccaaagct tagaaagttg aagctttttt tgttgaggtg   60

aaagtgaaat ggttggcaag gataatctga gggctgagga cttgaacttg tgctttaaga   120

agcttatgat ggtggccggg agtgggaaca gtgagaaagg ggtgaacttg aaggttgggg   180

tgatcaccga gtggaaggat attcctgtgg agcttctgat gcaaattctg tcccttgtgg   240

at   242

716

<210> 1980
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700962596H1

<400> 1980

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gaaatttatc cagtttcagc tcacggttaa tgttgctgct cttgtaataa atgttgtggc    60

agcaataact tctggtgatg ttcctttaaa tgcagtgcag cttttgtggg tcaaccttat   120

catggataca cttggggcgc ttgcactggc tactgaaccg ccaacagacc gcctaatgca   180

cagatcacca gttggccgaa gagaatctct tataacaaat atcatgtgga gaaacttgat   240

cgta                                                                 244
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<210> 1981
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700962615H1

<400> 1981

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cgaaaaccaa agaagaaaaa agagtttctt cttttccgaaa tccaagcagt agggttaggg    60

ttttttccga tctcaatggc ggaggaaccg gagagcaccg tcaccaccgg cgcccccgac   120

gaatcgctgc tcgataagat caccgagaag cttcacggcc acgattcttc ctcttcttcc   180

tcttcggatt ccgattccga aaaaaccgtt acttcgtccg ttaaggatag ggttttttcgc   240

ctcttcggaa g                                                         251
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<210> 1982
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700962645H1

<400> 1982

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cgcggcttca accttgtagt tattctcttt cttctttttt agctatccct ctcttgaaaa    60

atctagatct cgttcttcct tgatctacgt tacgctttta gtgaccggat ctgtatggat   120
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ctgaaccaga tctacacgcc gatggtggtt ttggcctggt ctttcataga tctgatgcat   180

ggaggctcag atctactgta cagagatact gtagataatc gatgagaaga acgcagatcc   240

ag   242

<210>   1983
<211>   120
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962759H1

<400>   1983

ctcatttttt taggctcata aatctttttt atgggtttca gggtcactac tact   ct   60

ctgctctccc tgttttggct cttgtccctg caccaagcaa gagctgcaaa gttccacaat   120

<210>   1984
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962775H1

<400>   1984

catatccccc cctagctaca gagcagccaa aggggaggaa taataataag cctatattct   60

aaggccggaa aaataaaaaa ggaataacaa aaatgtctgg aaaggtaatt atctcggctg   120

tttctctcat cctggtggtt ggagtggcca taggtgtggt ggtggccgtc aacaagaagg   180

gcgaggatcc cacacttcaa tctcaacaaa aatcagtagg ggttatctgc caaaacactg   240

atgaccagaa gctctgcca   259

<210>   1985
<211>   118
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962778H1

<400>   1985

aaagatggta tcagagaggc cagtggtgat attcagcaag agctcgtgct gcatgagcca   60

caccataaag accctcttgt gtgactttgg ggtgaatcca gcggttcatg agctggat   118

718

<210>   1986
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962793H1

<400>   1986

ggaggagctt cactcaccgg aagcctatga gatgatccaa aaccacttgg ctctcatttt   60

gggcaaccgt ttaggggatt caacatctgt tgctcagatc agcaaaatca gggtaggaca   120

ggtttatgca gcttcaataa tgtacgggta ctttctcaag cgagttgtgc aaaggttcca   180

gctggagagg acaatgaaga ttcttcctaa tgcaacagaa gagaatagca ttcaacaaac   240

tgttgtagat gattcaaga   259

<210>   1987
<211>   55
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700962833H1

<400>   1987

atttgatgac catgaaccta ttgatttgtc caaactncat nctntnctcc cttng   55

<210>   1988
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962849H1

<400>   1988

ggaaaaaaga agaaggaaga aaagttagca gtagtttggc gtggtaattg gtagagcgag   60

aaacagagaa atggacgatt acacgaggga aatgatggac ctgaagacac tggtcactcg   120

cactctcgag aagaaaggcg tcctcgccag gatccgtgcc gaactcaggg cgagtgtgtt   180

cgaagccatc gaagaggaag atcgtgtgat tgagaaggaa caaggtctac ctcctgcatt   240

gctaggtagt tgcaacgatc g   261

719

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<210>      1989
<211>      56
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700962853H1


<400>      1989

gaagcatcgc tcacctttcc ctttgcgaac gccgtgaaga tnacgaaagc ncaaca        56



<210>      1990
<211>      251
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700962864H1

<400>      1990

attgaaccag ctctaaaaaa gcagcttatc anctctacag tactcatgac tgttggaatt    60

gcaattatta gttggattgc tctgccaaca tccttcacaa ttttcaactt tggtgctcag   120

aaggaagtaa agagctggca gctgttcctc tgtgtgggtg ttggtctatg ggctggactt   180

attantgggt ttgttactga gnactataca agcaatgctt acagtcctgt acaagatgtt   240

gctgattcct g                                                        251



<210>      1991
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700962877H1

<400>      1991

gtgaaaaagg agagatggca gctgcaacat ctagtgctgt gttaaacggg tttggatctc    60

acttcttgtg tggaggaaag aggagccatg cccttcttgc tgctagcatt ggagggaaag   120

ttggtgcttc tgttagtcct aaaagagtta ttgtggcagt tgctgctgca ccaaagaagt   180

catggatccc cgctgtaaaa ggtggtggga gtttcataga cccagaatgg cttgatggct   240

cgctaccagg                                                          250
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720

<210> 1992
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700962885H1

<400> 1992

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aagaagggtt gaaggaagaa aaaaagaaaa acacagaaat ggagggtggg aacaacagca     60
gcagtaacaa caaccctgat gagttggcgg tggggtgctt gctttcgatc aggacaacgt    120
tgggcgacga attcgaaggc caggtcgtca ccttcgatcg cccctccaac attctcgtac    180
tccaggagcc ttccaaacct agccctcgtc gaaatcttag gttgctcaaa gccaattaca    240
tcaaagactt cac                                                       253
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<210> 1993
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700962889H1

<400> 1993

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tccaaatcat ggctagctca ctgcttgtga gggttgccag ctgcatggtt gtggtgtgga     60
tgtttagttt tgggcacata attcccttgg cagaagctga aattccatgt ggcagggtgc    120
aaatcactgt ggctccatgc atagggtacc taaggggtcc tggtggaggt gtccctgcac    180
catgctgcaa tggggttaag agcataaaca accaagccaa accaccccag atcgtcaagg    240
ggtgtgt                                                              247
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<210> 1994
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700962901H1

<400> 1994

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gttggtggca aagctggtgc tcttggtgac tctgttaccg ttacacgtga gaagactaag     60
attattctca cctctgactg taacttttcc aaacggtatt tgaagtactt gacgaagaag    120
tacttgaaga aacacaatgt gcgagactgg ctcagagtga ttgcttcaaa caaggataga    180
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721

agtgtttacg aactgaggta cttcaacatt gctgagaatg agggagagga agaagattag   240

ttgtctgata gccttatttg c   261

<210>   1995
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962921H1

<400>   1995

tctcagtctc tgtgtttgcg gctgaggatt ccgaacgagt gaccttcttc gtttctcgca   60

aagtttaagt aatcatgggt aaggaaaagg ttcacatcaa cattgtcgtc attggacatg   120

tcgactctgg gaagtcaact accactggtc acttgatcta caagcttgga ggtattgaca   180

agcgtgtgat tgagaggttc gagaaggagg cgccgagatg aacaagaggt cattcaagta   240

tgcctgggt   249

<210>   1996
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962936H1

<400>   1996

cgcaacacaa caaaaaaaga caacccagag agcgcgtctt aataaacgct cttctctgaa   60

aaccccccatt tcttttcttc tttcttcttc tctttcgctt cttcgatctt cgatcttcgt   120

cgctgaaaat gagagagtgc atttcaatcc acatcggcca ggccgggatt caggttggaa   180

acgcctgctg ggagctttac tgcctcgaac aggcattcag cctgatgggc agatgccaag   240

tgacaaga   248

<210>   1997
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700962948H1

<400>   1997

722

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caagaatatc aaattggtct cttgtcttcc tcctcatctc tacactactc cacatagagc   60

ccagcctctc aagcccaagc ccaagcccaa gcccaagccc gttcataaaa tcctcctgca  120

gcagcaccca gtacccagcc ctctgcgtct catccctctc cgtctacgcc tccagcatcc  180

aacaggaccc tcaccaactg gttcagacag cactctcctc tccctgaacc gcacccaagc  240

caccaaaacc ttcgtgg                                                 257


<210>      1998
<211>      284
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963004H1

<400>      1998

aaaatggcca aatcaatcaa attctttgag ttgaacacag gggccaagat tccttctctt   60

gggttaggga cttggcaagc tgaacctggt gttgtagctg aagctctcac cacagccatt  120

caggttggat acaggcatat tgactgtgct agtgcgtata agaatcaagc agagattggt  180

tctgctctta agaagctttt tgatgatggt gtggtgaagc gtgaggactt atggatcact  240

tccaaactct ggtgttcaga tcatgcacca gaagatgtgc caaa               284


<210>      1999
<211>      280
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963024H1

<400>      1999

gagaggggt ggggtgacac tgccgagcgt gtcctcgaga tgatccagct tctcctggac   60

cttcttgagg cacctgaccc ttgcaccctc gagacattcc ttggaagagt ccctatggtc  120

ttcaatgttg ttatcctttc tccccatggt tactttgccc aagataatgt cttgggatac  180

cctgacactg gtggacaggt tgtttacatc ttggatcaag ttcgtgcctt ggagaatgag  240

atgctcaacc gcatcaagaa acaaggcttg atatcacccc                    280


<210>      2000
<211>      274
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723

<212> DNA
<213> Glycine max

<223> Clone ID: 700963053H1

<400> 2000

ttccattctt gtattctcgt attagcacaa gatttcgttt ttgtctatct atgtccccat   60

cgtaattgat ggtataacat caacatgcat atgattatgg gttatgagag agtgagagtg   120

ctgtttcttc tgtttctgat accactgcca acggttctgg gttggggcaa ggagggccac   180

tatgccactt gtaagattgc acaggagtat cttagtgaag atgctctatt tgcggtcaaa   240

caattgcttc cagattctgc tcaaggtgat cttg   274

<210> 2001
<211> 278
<212> DNA
<213> Glycine max

<223> Clone ID: 700963066H1

<400> 2001

gtcaagatac cagtgatcta catgagaaag tcgattttgt ggcatgcttg ggtggagatg   60

gcgttatact gcatgcgtca aatctattca gagatgctgt tccccctatt gtgtcattta   120

accttggctc ccttggtttt ctgacttctc atgattttga agattacaag caagacctac   180

gacaagtcat ccatggaaat aatacacgag atggtgtgta tattactctt agaatgcgcc   240

tccgatgtga aatttttcgt aaaggtaaag caatgcca   278

<210> 2002
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700963114H1

<400> 2002

tggcatcttg tgttgtgtcc ctcttttaag ctatttcctt ctcttaacac aattggttgt   60

gccaattgcc atagtcacca accaattaac aaaggtatat atatcatcat atcatcacca   120

aatgaaaaat attgggttgt tttttcttgt ggtggtggct actttgtggg tggcagccac   180

agctggtagc ttttaccaag actttgaaat aacgtggggt ggtgagcgtg ccaaaatcta   240

724

tgag   244

cgctttcccc aacgaacctc gttgttgtga atcgcgctgc tgaatcaatc gttctcggtt   60

ttcgcgtact ctactcgttc atcccgacat ggtttgcttg gcttgtttgc tgcccctctt   120

tctcgtccca atcgtcaaca tcctccctct tctcttccat tttatcatgg ggaaaatcta   180

tcgggttttt ggttgggagt acaggaaacc ggagagggct cctcctgcat gtccattcaa   240

g   241

acttaagaga tcaatatggc caccaccact acccagcctc cctctaatat ctgttttttc   60

cttctgttgt tgcttctagc acactttcat ttgggcataa gccaacttga gctgaattac   120

tactctaaaa gctgcccaaa agctgaagag atcatcaagg aacaagtcac acaactatat   180

aacaagcatg gaaacactgc cgtttcgtgg gtcagaaatc tcttccacga ttgcgtg   237

ctccatgctt ctgtgctcgc ccttgtattc cttcttgtca tactatttca ggaaggattg   60

gtaacatgta tgaagaatga agacggatca gaagaatggg gatatgtgca agttagacca   120

aaagcccact tgttctggtg ctttacaga agtccataca gagtggagaa tccctccaag   180

ccttggccaa tcattctctg cttcaggga ggaccaggct cttcaggagt tggg   234

<210>   2006
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963193H1

<400>   2006

ctcgagatga aaccaacgaa tcttttgtta ctgatgagct tgaaaatcag aagttggaga   60

tagatgatgg caagcacaca caaaagacta atgacacttg tgaagtctct aagttggaga   120

attctggtgc ttcagaattg gttcaaactg agaaaacaga tggtcgtaat tgtgcattaa   180

caatagatgg ggtgccaggc aatcagaatt acccaagaca tgtccctgtg cacg   234

<210>   2007
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963206H1

<400>   2007

cttcattttc cattcgtaga cgccaagaac cctaacagtt ggtgttgtga tggatggtga   60

taatggcctt aacatacgta attggggtta ctatgaaccc gccacgtcgt ttaagagcca   120

cctggggctg caactgatgt catccatgcc ggaaaaacct ctaattggag ggcgcaatgc   180

tgcggtttta gctggtacta atggggcatt tcaccatagg gacattggtg gtatgcccca   240

agctacatac ccta   254

<210>   2008
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963214H1

<400>   2008

gagagaactt caagtgaggg tgagagtgac acaaatctag agagagcact agtactctaa   60

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aagtctatta tattcttcaa aatatgacca tgcatcgcga gtcttgggct tttgtcttcg   120

gcgttatggg caacatcatc tcctttggag tgttccttgc tccattgcca accttttacc   180

aaatctacaa gaagaaatcc actgaaggtt tccagtcact tccttatgtt gttgcactgt   240

tcagtgcaat gct                                                      253


<210>       2009
<211>       256
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700963248H1

<400>       2009

caaccttgta gttattctct ttcttctttt ttagctatcc ctctcttgaa aaatctagat    60

ctcgttcttc cttgatctac gttacgcttt tagtgaccgg atctgtatgg atctgaacca   120

gatctacacg ccgatggtgg ttttggcctg gtctttcata gatctgatgc atggaggctc   180

agatctactg tacagagata ctgtagataa tcgatgagaa gaacgcagat ccagccgctt   240

ccgcttgttc gatcgc                                                   256


<210>       2010
<211>       254
<212>       DNA
<213>       Glycine max

<223>       Clone ID: 700963268H1

<400>       2010

tctgtatgga aacatcgtgc ttagtggagg gtctactatg tttccgggaa ttgctgatcg    60

catgagcaag gaaattagtg ctcttgcacc cagtagcatg aaaatcaagg tggttgcacc   120

tcctgagaga aagtacagtg tctggattgg tggttctatc ttggcatcac ttagcacctt   180

ccaacagatg tggatctcca agggtgaata tgatgaatct gggccagcca tcgttcatcg   240

gaagtgcttc taaa                                                     254


<210>       2011
<211>       252
<212>       DNA
<213>       Glycine max
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727

<223>   Clone ID: 700963285H1

<400>   2011

cacttccaag cctttccatt tgcttcgctc gagttattat tttgcacaga gagagagaga   60

aaggagacag atttgaattg agtggtattc caacgtcgaa agcagagagg agaaacacta   120

aggtttctcc taaagtgctc tatttttaat tctctctctt tctatatatc tatgtgactc   180

cgcctacatc actcagaccg gtggtcatgt ccctcatgtg acaattcggg agctgcaagg   240

ttttggtctt gt   252

<210>   2012
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963290H1

<400>   2012

cacaacagaa atcaaaatgt tctgaatctg ggaaggttga tgagatgaaa acatctgatg   60

ttgtcagggt tgatccagga ctgaagtcca aaatcgcaga ttttccttct ccttagtga   120

tggagcaaga taaagctgct gcatcatatg atagcccact ggctgctgca gaaccaaaat   180

attgtttgac cggagagaat tgtgaaaatg ctaatgagga accaaatcct tcagaagctg   240

agatc   245

<210>   2013
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963291H1

<400>   2013

gtttgtttgg tggttgcagc atccttggca ctggcagtgt ttgtgtccat aactgtaact   60

ggcaggcctg gctatgcagg tgctgggctg agccctgcaa gatgcctagg tccagcgttg   120

cttcatggag gcccactatg gaatgggcat tgggttttct ggcttgggcc tttcttggcc   180

tgcataatct attatagtgt ctccattaat ctaccaaaga aaggtttgaa ttgggttgat   240

ggaga   245

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<210>      2014
<211>      275
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963333H1

<400>      2014

ctagaaactt cctgaaggcc gtggaagagg ccgtagatga ggccagtaga agatgcggcc    60

ttggattggt ttgtaggtgt aggggccctg ggaattttg ccccaccgat gtggaagggt   120

attattctgt tcaggtgccg gattatgagc ctggagtgta ttctgatgct cagatcagaa   180

aggccagaag tgaatttgga gctgcggaaa tgctttcttt tctgaagcaa ttggcattga   240

atccacatgg tggtgatcag agaagcattg gtttc                              275


<210>      2015
<211>      273
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963335H1

<400>      2015

cccaattaca gtatgcttct acaaatgaca tgaggtctca actctgcttg gctgccaagg    60

atccaactgg agaaagttgc tctagtgaca tggtacattt ctttgcagaa tttagaaaat   120

tcattagcca tgattattat gcttccctgg atcaggaaat gtctttggaa cgaatgaact   180

atgagaccgg agtaacctct acagcagcat tggcttctat gacacctgca atggagcctt   240

gcagtgattc ttattggact gatagaatat cca                               273


<210>      2016
<211>      265
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963385H1

<400>      2016

aagtaagcaa agatggcttt cacggaatcg tctctcctcc ttccttcggt ttcaggaacc    60

aacaagaaca agaacaaggt tccagaagac aaatggtatt tagcctacat tgtgtatttt   120
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729

acccctgggtc tcggttacct tctcccatgg aacgctttca tcaccgccgt tgattacttc   180

tcctttctct accctgacgc cagcgttgac cgcatcttcg ccgtggttta catgatagtc   240

gggctggtgg ggatctccct cataa   265

<210>   2017
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963389H1

<400>   2017

ctcataaaag agacatgaca tttgaggaaa aacaaaaact aagcactaac cttcaaagtt   60

tgccttcaga gaagcttgat gctattgtac aaatcattaa gaagagaaat tcagcactta   120

atcaacatga cgatgaaatt gaagtggaca ttgatagtgt ggatgctgag actctctggg   180

agcttgatag atttgttacc aactataaga aaagtttgag caaaaacaaa aggaggctga   240

acttgctcga gctagagca   259

<210>   2018
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963403H1

<400>   2018

tgcgtatctc tttctctctc cattttatt tatatatttc tctccattat ttggtgtgca   60

tgctctagac acacacacac cccaccacca ccaacactga gttttagcag aaggatagag   120

agcagaatga ttcaaagaac tgtgtccttt cccagtttaa ggaaattgct tcttcgggct   180

ggttgttcta aatctgcttc gtccaagatc ggaacttaca attgctttgc ttctcagtcc   240

tcccctctac cgagccacaa ccct   264

<210>   2019
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963404H1

730

<400>   2019

gtgatccctc tctttctttt actttcgcca aatctgaaca acatgatcaa catcagagat   60

ccaagagctt tgaggcttac ggcgatgttt ccaagtctgg tgtgtggggc gtccttgctc   120

agaaagccaa agaaattctg gaggacgata agtcgtcatc cccacaacac aacgacgtca   180

tcaatatcat gccaccagtt gtcgacatag acaaactcaa atcgcactct tttaatacct   240

ttgctcctcc tcctcaggag aa   262

<210>   2020
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963405H1

<400>   2020

cggagagctt gcacaagata tggcacagca acatgccata caacaagatt gctgacagga   60

aaggtcacca gggatggatg aaactagaag gtcaacactt tatattccct ggtggtggta   120

cgatgtttcc agatggagca gagcaatata ttgaaaaact tggtcaatac attcctataa   180

gtgaaggtgt tctgaggact gcgcttgaca tggggtgtgg ggttgctagt tttggaggat   240

atatgctatc taaaaatatt t   261

<210>   2021
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963406H1

<400>   2021

gtcatttgat ctacaagctt ggaggtattg acaagcgtgt gattgagagg ttcgagaagg   60

aggctgctga gatgaacaag aggtcattca agtatgcctg ggtgcttgac aagctcaagg   120

ctgagcgcga aagaggaatt accattgata ttgctttgtg gaagtttgaa accaccaagt   180

actactgcac agtcatcgat gcccccggac atcgtgactt tatcaagaac atgattactg   240

gtacctccca ggctgattgt   260

731

<210> 2022
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700963412H1

<400> 2022

cagactgggc atagcatcca cgctttaatc gaccactgct tcttctactt ttctttcctc   60

aaggttttgg cgggagtcgt cgtcgtcatt gaatcagcca tgcctcggta ctactgtgac 120

tactgcgaca cctatttgac ccacgattct ccatctgtta gaaagcagca caatgcaggt 180

tacaaacaca aggcaaatgt gaggacctac taccagcaat ttgaagaaca acaaacacaa 240

agtttaattg atcaaagg   258

<210> 2023
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700963413H1

<400> 2023

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cgtacttcct cctccaccga tggcgcgaga agatccgcac ctccactccc ctccacgtcg 180

tcacgctctc cgagatggct gccatcgtct ccctcatcgc ctccttcttc tacctcatgg 240

ccttcttcgg cattaccttc   260

<210> 2024
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700963415H1

<400> 2024

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gaacaatctt ccaactccat ttacgatttc actgtcaagg acatcagtgg aaatgatgtg 120

agtctgaatg attacagcgg gaaggttcta ctgattgtga atgtcgcctc tcaatgtggt 180

732

ttgacacaga caaattacaa agaattgaat gtattgtacg agaagtacaa gaatcaagga 240

tttgaaatct tggcatttcc g   261

<210>   2025
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963417H1

<400>   2025

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aggagacaca gaggaatgtg tttggcgcgg aaacggcgtc gtccttggtg aaggagctga 120

gggacaactt cggtaaagga accacgcgaa gttacgaatg gagagtgtcg caagtgaagg 180

ctctattgaa ggcggtggtt gaaaacgagg accagatcgt cggtgctctt tgttccgacc 240

tagccaagcc tccgctcgaa accg   264

<210>   2026
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963422H1

<400>   2026

ctttgaagag ctgactgcag cctataaaag tggagagtta catcctggtg accttaaacc   60

agcattggca aagtcgttga ataaaattct ggagcctgta agggaacact ttaggaagga 120

cagcaatgct aaagagctat tgaaaagggt caaggcttac agagtcaagt aatatgctga 180

ttaaggactt caggctaata tctattcttt gccaatcagc catagaattt tcacgttgag 240

attatgcact tttggact   258

<210>   2027
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963428H1

<400>   2027

733

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agcgctccgt gtgcctacac ccaatgtttc agttgttgac cttgttgtga atgttgagaa    60

gaagggtctt actgctgaag atgtgaatgc agcattcaga aaggcagctg aggggccgct   120

caaaggtgta ttggacgtgt gtgatgttcc acttgtgtct atcgacttcc gctgctctga   180

tgtttcctct actattgact cctccttgac tatggtcatg ggagatgata tggttaaagt   240

ggttgcttgg tatga                                                    255


<210>      2028
<211>      257
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963436H1

<400>      2028

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taatgttttt cctgcctgca attttccatc ttccctgcag aaatttccaa aacaaatagt   120

tgttggtgat ttgtcaacat gaagaagttg ttagattttg ggaagaaagc cctcttttat   180

gttagggtgc tttctggata tgaagagcga agaatacgat cttataggct gcagcttgag   240

caacgtgtac aacaggc                                                  257


<210>      2029
<211>      256
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963438H1

<400>      2029

gcagagcaga gatctagcgt attctctcgc tctttctttc actgtcacag agccacatcc    60

atgggcttcc cagccaacgg cgcctctgcg gcccagcccc taaacttcct catctacggc   120

cgcacgggct ggattggcgg cctcctcggc tccctctgcc gggcccaggg catctccttc   180

cattacggct cgggccgcct cgagaaccgg gcctccctcg aaaccgacat agccctcctc   240

aagccctccc acgtct                                                   256


<210>      2030
<211>      256
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<212> DNA
<213> Glycine max

<223> Clone ID: 700963440H1

<400> 2030

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taagaaactg cgagaagaaa gtaaaaggtt caatttttac cctttttttct tcccagaagc   120

gatctctgaa gccgacccat tttggaattc ggaaaaccca gtgctgatcg ctctctgggt   180

gttcccaaaa tgaagcttcg gagatcttcg ctgtgcgtct ttctagggtt tctggtgctg   240

ttcctttcgc cgccgc                                                   256
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<210> 2031
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<212> DNA
<213> Glycine max

<223> Clone ID: 700963445H1

<400> 2031

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caccttcagg gttccctgat tgttccatca agctgcatgc acatgaagtt cggttccttg   120

ctgcagcaag gaaactagag tttggcaatg gtgttctttt ctatgatcgt atctcagttg   180

gtgcagattt gtctgatgct attggattca aaggttgtag agaaattgaa gggccttatg   240

tggactatct agaga                                                    255
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<210> 2032
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700963447H1

<400> 2032

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acaaatggga catcaaatgg tattgttcca atgctgcgtg tgttcaacga tactgctcgc   120

tatgttgatc aaggggggagg caagaggaaa ggtgcatttg ctgtgtacct ggagccatgg   180

catgctgata tatttgaatt cttggattta aggaaaaacc atggaaagga agagcatcga   240
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gctcgagatt tgtttt   256

<210>   2033
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963448H1

<400>   2033

gaagctagct caaccgagaa gaagcaaggg ataatcatta ttagtcttct ttctctttg   60

gttactattg attgctccaa tcatcgatac tatgtctcta aaaatagcag cagaaattta   120

tccaaaatca ccatcagaga cagtgaagga gcctttggtg gtggtaaagg aatatgatga   180

agatagacac aaggtcgctg tagagagact tgagaggctt tgtgaagttg ggcagagtgg   240

aaagccttct cttgtcact   259

<210>   2034
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963450H1

<400>   2034

attgatcctt ttcctgtctt gttttcatga cataaactat catcaactgt tgctttccat   60

tttggctata attccacaaa atgtgccatt tattgcaagt gtaatattac tagcatttcc   120

atatatcagt ccatggcctc cttaatgctc aatggagctc atcaaaatcc aaacctcatt   180

agtggcatag ctccaaatgg ccttaacttt cacaacaagt gtttattcca aaagggtgtg   240

ctgtctcatg gtaacaa   257

<210>   2035
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963451H1

<400>   2035

acatactcta gttggaagtg gtaaattact cgctaacagg gaaggggagt tgaacaagaa   60

acagcagtgc ctggcgaaga agagaaagaa aacaatcatg agcttcattc tgtttccgat   120

tctctttgca tttacctttc tgtcctcgcc cgttctctct gcttcggatc tggtcctcgc   180

caaggttgac cgtcgcattg atctgacttc acagattgtg cgcatcacta cttcactaaa   240

ggtgcagaat acggga   256

<210>   2036
<211>   254
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963454H1

<400>   2036

atttacaaca acaatggctt ctgtgcctca accaaaaatc tcccttctaa ccttattctt   60

cttctcgtcc ttcaccatca ttgcgcatgc aattgttcct caaaacgaaa ccttcaaatt   120

tgagaactca ggtgaacttg daccctacat cgttgagtac ggtgcagatt acagaatgat   180

aagcatcttc aactctccat tccaagttgg tttctacaac accaccccaa atgccttcac   240

tctagctttg cgtg   254

<210>   2037
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963462H1

<400>   2037

ggagttcatc gacattgttg agaccgtcta ccgtggagcc aggaagggac gtggtctcgt   60

catcgctccc aaagattact ccaccaagta ccgttactag tttcattcat ctgtaacata   120

caacaaacta aatattatct cttttcttac ttctctggtg tggtgctggt tgtggttgta   180

tgatcattct gatttctgct tattcacaac tctgttacat gaattgcttt tgtcatatgc   240

taaagtgttg tta   253

<210>   2038
<211>   253
<212>   DNA
<213>   Glycine max

737

<223>   Clone ID: 700963468H1

<400>   2038

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taaaccatcg acttgcttcc tttttgccag aaaatttact cggactgctg ctttaaggct   120

tcttaatatg tctgttctgg gagtgttcaa ttaagagaac aaaaggctct ttgtcagaga   180

gactgataca aggaagaaaa aatacactta gcaaacaaa taagaggaag aaaaggaata   240

aagtaaaagc agt   253

<210>   2039
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963473H1

<400>   2039

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taatcatagt atattctctt actacgagaa caaaaaccgt ggcgcttgta ttgaagattt   180

tcgtggtgat gccttgagag gtaatgcaga gattaatatt gaggagttaa agtttaatga   240

taagctgcc   249

<210>   2040
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963475H1

<400>   2040

agaagacaca gtagtgttgt atccagcccc aggcataggc acattgtat ccatggttga   60

gcttgctaag cttctccaat tacatgctca ttcaatcaca attcttctca ccacgggtct   120

ccttgaccac ccctctatcg acacctacat acaccgaatc tccatctctc acccttccat   180

cttcttccac cgcctccccc acacatcact ctccaccacc accaccgtga gcatggccgc   240

caaagcctt   249

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<210>      2041
<211>      250
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963476H1

<400>      2041

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aagatggagg ggaaggagca ggatgtgtcg ctgggagcga acaagttccc ggagagacag  120

ccgattggga cggcggcgca gagccaagac gacggcaagg actaccagga gccggcgccg  180

gcgccactgg ttgacccgac ggagtttacg tcatggtcct tttacagagc agggatagca  240

gagtttgtgg                                                        250


<210>      2042
<211>      252
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963478H1

<400>      2042

aatggcttcg ttatcgcttt gcatagccat gacagcaccc actccctcag cttctctcat   60

tctcactgcc ccaaaaccat cttcgctctc tttgaacctt acccgcactt gctccaccgc  120

tcgctctccg cttctccatt gctccttcct ctcttctcct tcccttctct ctccccttc  180

ctccatttca ggcttgtcac ttggattgga tttgacatct aattttggga ccagaagagg  240

aaaaggttct gg                                                     252


<210>      2043
<211>      253
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963479H1

<400>      2043

ggctctgcaa ttgcaaattc agaggatgtc gatcttcgag tacaacggaa gcgccgtggt   60

ggctatggtc ggcaagaact gcttcgccat tgccagcgac cgaaggctcg gcgttcagct  120
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739

ccaaactata gccacggatt ttcaacgcat ttccaagatt cacgacaagc tcttcatcgc   180

tctctctggc ctcgccaccg atgctcaaac attgtatcag cgtcttgttt tccggcacaa   240

actgtaccag ctg   253

<210>   2044
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963484H1

<400>   2044

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gtgttcctga tcccaagatc aggatttatg atgttggtat gaagaagaag ggtgttgatg   180

agtttccttt ctgtgtccat ctggttagtt gggagaagga aaatgtttca agtgaggccc   240

tggaagctgc   250

<210>   2045
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963487H1

<400>   2045

tctgttatta cttttgcttg catctctctg tgttcaatct tcaaagactt gaattcttct   60

tacttaggtt ctgaatggct ggaatttgct gtggtgttgt cggagaaggt gacactccgg   120

ctccactcga gccaactact cgcccctcca ggcgccggag tttggacatc ttacccttaa   180

aatacatcgc tgacatggcg gtgccgccgt cggatggttc acggaaacgt cccaagctgg   240

atctcag   247

<210>   2046
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963493H1

<400>   2046

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aaatttctgc tgcatcagct cgggcccaca ccagaagggc gaagaaaacc aattctctac   120

cccttccttc aggaattctt ggaacagcac tagcagtgtt gtttattggg tttctagcat   180

gggcttatca ggttattcaa cctccccctc ccaagatatg cggcactcct gatggaccac   240

ctataacag   249

<210>   2047
<211>   289
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963605H1

<400>   2047

ggcaatggca tttccgtccg taacctctgt aactgtggag aacgtgacat tccctctcac   60

cgtgaagcct ccctgctccc ccaacacctt cttcctcgcc ggcgccggcg tcaggggcct   120

ccaaattcat cacgctttcg ttaaattcac tgcctctgca tttacctcca atacgacgcc   180

ctttccttcc tctccgttaa gtggaaaacc aagtctgctc accagttaac ggaatccgac   240

caattcttct cagatatcgt tacaggtcca ttcgagaaat ttatgcagg   289

<210>   2048
<211>   288
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963607H1

<400>   2048

gctcttgaga gcggatcgaa gaaacagatg aacaacacat tgcatcctct cagtgttctc   60

aagctctcca aaagaatgag cactagcatg agggagtcca ttctcccaat ttgtctctta   120

gatgcaactg cttccccttg caggtcacct tggagatctt tactcatcat gagattcagg   180

ttgcaaccaa ttctttttagc caagaaaatt tgattgggaa gggtggttat gctgaagttt   240

acaaagggtg tttgccaaat cgtcaattag tggcaattaa acgtttaa   288

741

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<210>      2049
<211>      287
<212>      DNA
<213>  ·   Glycine max

<223>      Clone ID: 700963628H1

<400>      2049

gggagaaccc aaaggatcct gatgaagttt tagtcaagta tgaagcatgc cttgaagatg    60

gaactcttgt ggcaaaatct gatggagtgg agttcacagt caatgatggt tatttttgtc   120

ctgctttgtc aaaggctgtt aaaaccatga agagggagag aaagtgcttc tgacagtgaa   180

gccacaatat ggatttggtg agaagggtaa gccagcacat gatgaagaag gtgcagttcc   240

accaaatgca acattgcaga ttactcttga gttagtttct tggaaga                 287


<210>      2050
<211>      286
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700963644H1

<400>      2050

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ccaaccgcca ggtncactta ctctaaacga cggaatggcc ttttcaagaa ggccaacgag   120

cttaccgttc tctgcgatgc caaggtttct atattatgtt ctccagcact ggaaaactcc   180

accagtacat cagcccctcc acctcaacaa agcagttctt cgatcaatac cagatgactc   240

tgggagttga tctctggaac tctcattacg agaatatgca agagaa                  286


<210>      2051
<211>      289
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700963648H1

<400>      2051

tatcatcaat attcttgtca attgcctcta catgaaagac ctgctctacc aattgaccca    60

agagctagtg atggtatgaa tggatatctc tggttgtacg aaaggaatgt gctcagaacc   120
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actgtatctt ctcccatcaa gggattgcaa gacttgagtt taatcaagtt ttaaatatta 180

cttatctcaa tcctcgtaaa catagacata ttccaaaacc tccggatggt gtactaatgc 240

caaaaaagat attaaaagcc attgacatta aaccttttcc tgtgttatg 289

<210>   2052
<211>   287
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963650H1

<400>   2052

agagaatccg aggcgaagag aagagaaaaa ttaagatgga ggggaaggag caggatgtgt 60

cgctgggagc gaacaagttc ccggagagac agccgattgg gacggcggcg cagagccaag 120

acgacggcaa ggactaccag gagccggcgc cgcgccactg gttgacccga cggagtttac 180

gtcatggtcc ttttacagag cagggatagc agagtttgtg gccacttttc tgtttctata 240

catcactgtc ttaaccgtca tgggagtcgc cggggctaag tctaagt 287

<210>   2053
<211>   284
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963657H1

<400>   2053

gggagttcaa gaatttggag acaaaagggg ttcctttccc aaagaaccaa cccatgagaa 60

tatactctag cctttggaac gctgaggatt gggccacaag gggtgggctt gtgaaaacgg 120

attggagcaa ggccccattc acagcctcat cagaaacttc aatgccctaa cctcttcctc 180

cactggccaa tcactggacg ccacggggct ggccaagatc cattgggtgc aaaagaatta 240

catgatttac aactattgca ctgatattag acgtttccca caag 284

<210>   2054
<211>   283
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963659H1

<400> 2054

gaagaagatc aaggagcagt ttcataccga gaccttggac aatgttcaga aactcactgg   60

catcaccctt gacattgtga gtggtttgtc caacatcctc gagaagttcg ggttgaagtt   120

taatcttaaa cccgcgtctc gccgtcttct cgcaaggatg ggttgcccac ttggttctct   180

gctgctgatc gtaagctttt gggtcgtgga tggagatcac gtgtcaagcc caatgttgtg   240

gttgcccagg atggcactgg tcagttcaaa accgttgccg atg   283

<210>   2055
<211>   287
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963662H1

<400>   2055

ctctcttctt tttactctct ctctgtctct ctctacgctt tctcgttcga gatccctcaa   60

gggatccact aactgaagga gaaatggggt tgacattcac caagcttttc agccggcttt   120

tcgccaagaa ggaaatgcga attctgatgg tggtctcgat gcagctggta agaccaccat   180

cctgtacaag ctcaaacttg gagagatcgt taccacaatt cccaccattg ggttcaatgt   240

ggagactgtg gaatacaaga acattagttt cactgtctgg gatgttg   287

<210>   2056
<211>   282
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963687H1

<400>   2056

gccactgcca taactcactc actagcttct tctctgttct caccaatggc atcaacaata   60

tcagcaatgg ccatgatcaa cgccaaatgc gtcaacccaa agttccccaa tcccaccaag   120

ctcgcaccat caaaaccctc ccttcagaca accttccaaa gggcctcata gcctcacccg   180

aaagcactaa actttccccc gcgacagcaa tcgcaggagc aatattcaca accctcggaa   240

cctgcgacgc cgcattcgct gttcaacaaa tagccgacat ag   282

<210>   2057

<211>	280
<212>	DNA
<213>	Glycine max

<223>	Clone ID: 700963691H1

<400>	2057

ctcactcaat ggcttggcac tcgttcctct tattagcgac ggccattctc gccgttgtgt	60

gctccgccgt gagcggttgc tcgccatcgg atagggcggc gctgctggcc ttccggaagg	120

cgctgagcga gccctacctt ggcctctcaa ctcgtggacg ggctccaact gctgcctcga	180

ctggtacggc atcagctgcg acgccaccac cggccgcgtc accgacatca acctccgcgg	240

ggagtccgaa gaccccatct tcgagaaagc cggtcgctcc	280

<210>	2058
<211>	281
<212>	DNA
<213>	Glycine max

<223>	Clone ID: 700963692H1

<400>	2058

ttcactctca agcttcaagc atgactcctt tttacttcct cctatttgcc ttcatccttt	60

tcctctccat aaacttcttg atccaaacaa gaaggttcaa aaaccttcct ccgggaccat	120

tttctttccc tataatcgga aacctccaca actcaagcaa cccctccacc gcacgttcca	180

tgccttatca caaaaatatg gccctatttt ctccctctgg ttcggctccc gttttgtcgt	240

cgtcgtttcg tcgccgctcg cggtgcaaga atgcttcacc a	281

<210>	2059
<211>	283
<212>	DNA
<213>	Glycine max

<223>	Clone ID: 700963694H1

<400>	2059

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aaaccgacgg tgaagatttt gtttgaagga caaagttggg gattcagcca tctcctgtgg	180

tggcagcgtt tagctctaga ggacccaact cgatcacccc gcagatcctt aagccagatc   240

ttatcgcgcc aggtgtcaac atcctagccg ggtggtccaa ggc   283

<210>   2060
<211>   284
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963695H1

<400>   2060

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gcatgtaggg gtgaagaagg ctttggtttt tataagggta agccaccaaa gggtctcaag   180

acagattgga ttatgcatga gtatagatta attggatcaa gaagacaagc caatagacaa   240

gttggatcca tgaggctaga cgactgggtc ttgtgtagga tcta   284

<210>   2061
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963701H1

<400>   2061

gttggcttca tagggactgg actccctcct tttgttgcat taagagctga catggatgct   60

cttcctctgc aggaaatggt ggagtgggag cacaagagta aagtacctgg aaagatgcat   120

gcatgcggtc atgatgctca tgttgccatg cttctcggtg ctgcaaagat cctcaaacgg   180

catgaaaatg agatacgagg aactgttgtt cttgttttc aaccagcaga agaaggaggt   240

ggaggggcta agaaaatttt agatg   265

<210>   2062
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963706H1

<400>   2062

746

cttttcccaa tactcattat catcaccata tctgggtgtc aatgctacaa aaatttcaaa   60

ttattttgag agaaaacacg tcagcttaga aaccaaatcc aatattagac aaacctgttg   120

tatgccacaa atcacaatcc aatccctaat tttgtatctt gcaaagcccc caaccccac   180

acacacaaaa aaaggggaaa gtcacttaaa ttaaaaccct gagaatgtga aaattttgaa   240

actcgcatca accgactctg acc   263

<210>   2063
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963710H1

<400>   2063

atagaagcaa gattatcttc cttttggaat gtgtacttaa atttctctga ttaattattt   60

ccaggaaagg tatatcggga tatagttggt agtgcttact atgttgctcc tgaagttctg   120

cggcgcagat gtgggaagga aatagatata tggagtgcag gagtcatatt gtatatctta   180

cttagtggag tccctccatt ttgggctgag actgagaagg gaatatttga tgccatattg   240

gaaggtcaca ttgattttg   259

<210>   2064
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963711H1

<400>   2064

taaccctctt cttttttgttt ttgtataatc ccttcaaatt tgcattaggt aaaaaagagg   60

ctcccgaagt tgcaggtgca tggccaatac ttggtcacct accactattg agtggttcag   120

agacacctga tagggttttg ggtgctttgg ctgataagta tggacccata ttcaccatca   180

acaatggtgt caaaaaggtt ttggtaatca gcaactggga aattgctaag gaatgcttca   240

ccaaaaacga catcgtcgtt   260

<210>   2065
<211>   261
<212>   DNA

747

<213>   Glycine max

<223>   Clone ID: 700963715H1

<400>   2065

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caattggaat acggcgtcgt ttttggtttg gaagtgttta ccgcgtgttc gtttgtgaaa   120

caattctctg aactactgat taaggcagct agtgattatg gtgctttgac agcatcagtg   180

gcaaattttt agtggagagg aatgaaagag datagggtca tgctgcattt tgatttttga   240

                                                                     261
caggtgtagg ctaggggagg c

<210>   2066
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963723H1

<400>   2066

gcatgattag ggactccgcc gaccattatg gattgagaac aaggagtgat ggtgatgcca   60

tctccatttt tggatccacc aacatttgga tcgatcatgt ttccctctct aactgtgccg   120

atggtcttat cgatatcatc caaggctcca ctgccatcac catctcaaat tgccacatga   180

ccaaacataa tgatgtgttt ctctttggtg ctagtgactc atacaacgga gacaagatca   240

                                                                     261
tgcagatcac agtggcattc a

<210>   2067
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963747H1

<400>   2067

cgacgacgat gatctcgaag agggtgagat ccccgtcgac ggcgaagata gcggcgccac   60

cgccacaacg aagcctccgg ccgccctcgc ccgaaacccc caccctctgg agaattcctg   120

gaccttctgg ttcgacaacc cttcctccaa gtccaaacaa gccgcatggg gcagctccat   180

ccgacccatc tacactttcg ccaccgttga agagttttgg agcatttaca ataacattca   240

ccacccgagc aagttgggtt t   261

<210>   2068
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963755H1

<400>   2068

ggtttttctt ttggtcctgg gtctgagacc gcggtgtccc ctaacccatt ggtcagagaa   60

ttatctgctc gcggtgtgtg gtgtgtggct gctgctgtca caagagaatt ttgcacatga   120

cattttgatg agaagacaaa tagatggaaa aatgtgctat gatcaattgg tgcgctcttg   180

attcattatc aggagatgca catgcagcac gtcatgctat tgttaaggaa cctgttgccg   240

atattttggg agcgcatta   259

<210>   2069
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963759H1

<400>   2069

gaagtatatc cctagggaaa ataatttct tcacatttac aatgaagcaa tccactctat   60

tcctgttcct attcctattc cccctcgttc atgctctttc ttacgaagct gcttatatta   120

gagatggcct caaatcctat tcccagcttg atctccctca ctccgttttt ggttctgaaa   180

gtgtagcctt cgattgccat gggaaaggac catatgttgg agtgtctgat ggtagaattc   240

tcaagtggca agagacaa   258

<210>   2070
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963760H1

<400>   2070

gcaccagttt caccgcacga atatcttgtt gtttggagcg atccgagaaa aactctgtaa   60

749

acatgttggt ttaccaggac ctccttacag gtgatgagct tctctctgac tccttccgtt   120

acaaggaaat tgagaatgga atgctgtggg aagttgaggg gaagtgggtt gttaaaggag   180

cagttgatgt agacattggt gcaaaccctt ctgctgaggg tggaggagaa gatgagggag   240

ttgatgatgc agctgtta   258

<210>   2071
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963792H1

<400>   2071

gaaagcagct cgaggacggc cgcaccctcg ccgactacaa catccagaag gaatcaaccc   60

ttcacctcgt cctccgtctc cgtggtggca tgcagatctt cgttaagacc ctcaccggca   120

agactattac cctagaagtc gaaagctccg acaccatcga caacgtcaag gctaagattc   180

aggacaagga gggaatcccc ccagaccagc agaggctgat cttcgccggg aagcagctcg   240

aggacggacg caccctt   257

<210>   2072
<211>   216
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963796H1

<400>   2072

gaagaagata cgaaacctca agtttaatct acctattaga tgttgggtta ggatattagg   60

attttaatgc cttttgaact tgtttttgtt atacatcttt gaagatattt taaccttgtg   120

agcaacgaat tggcattttg tggatttctt atgtgtatta gtttcctgcc accttatttt   180

ctcctgaatt tattgtttat tgtttagaac aatgtg   216

<210>   2073
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963806H1

<400>   2073

tggattcgta tgtttatcag gatagaattc aaatgttaac cctttcattg tcttcaattt   60

ttctgtattt gatttattaa aacattagtt acatattgac gagaaaagat cacaacattt   120

aaatttttgt atgattatta aactcttttc aatttggtct ttcttttata ataaccacaa   180

ttttcttatt ttattaattt ctaagttgca tttgttgcaa agtatattat taaatactta   240

taattaaata   250

<210>   2074
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963809H1

<400>   2074

cttcgcaaca caacaaaaaa agacaaccca gagagcgcgt cttaataaac gctcttctct   60

gaaaaccccc atttcttttc ttctttcttc ttctctttcg cttcttcgat cttcgatctt   120

cgtcgctgaa aatgagagag tgcatttcaa tccacatcgg ccaggccggg attcaggttg   180

gaaacgcctg ctgggagctt tactgcctcg aacacggcat tcagcctgat gggcagatgc   240

caagtgac   248

<210>   2075
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963811H1

<400>   2075

gttcaagctt tgcttgcaac taagctaatt gacgaaattg gccattcact tgcaaaaggg   60

catgatttca tcaagaagtc tcaggtgaga gacaaccctt caggagattt taagagtatg   120

tatcgtcata ttactaaagg gtcttggaca ttctcagatc aagaccatgg atggcaagtt   180

tctgattgca ctgcagaagg tttaaagtgt tgtcttcttc tatcaaagtt gtcaccagag   240

attgt   245

<210>   2076

<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963822H1

<400>   2076

atttcatact ctattatcgg ccttcgtttc gttcgttagt ttctcagtcg tttgttctga   60

gatcaacctt gcatcagggt tagggaatgg ctgctatctt agctcggaaa tcactccttg   120

ctcttcgtgc gcgccaattg gctgtaagcg gtcaagggct gcacagctcc caaaactatg   180

gccttcgatt aagtgcacac tcctactcta ccaaaagaga ggatgaagaa agggagcaac   240

tcgcaaag   248

<210>   2077
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963823H1

<400>   2077

gcacacgcct tgttctttgc accggaagca ctcacttgta tatgtggacc ccatctggcg   60

cctattgtgt tcatgttcct ctatcgcaat ttactataac agacctgaaa tggaattctg   120

atggcagttg tctacttctt aaggacaagg agtcattctg ctgtgcagct gtacccttgt   180

tgccagaatc tagtgagtac agctcagatg attgatgatc acgagggaat gaaacaaaat   240

gatggt   246

<210>   2078
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963828H1

<400>   2078

agttgccaaa ctatttttct ctctcctttt tttgactttt ctttctttct gcaactccaa   60

aatgtcttcc atagggggcaa aaaatctagc actctcctca gcctttttgc tccttttggt   120

cggttttgca acctcagaca tcaaccaaga caaagcagaa tgtaccgaca aacttcttgg   180

tctagctggt tgtcttccct atgttggtgg tgaagccaaa gtccccgcca tggattgttg   240

ctctg   245

<210>   2079
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963829H1

<400>   2079

aaagggattc atcgttcttc ttcccaggtt atttagaaaa gcaaaatggt gaagatttgc   60

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tccattgaag tcgctgttgt tgatatctct aaatcccgca ttgcagcctg gaacagcgac   180

cagcttccta tctatgaacc tggccttgat ggtgttgtga agcaatgccg tggcaagaac   240

ctcttct   247

<210>   2080
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963831H1

<400>   2080

gcgttttccc tccattcct tcttcgctag attacccaga tctacgacga gtctctgcta   60

tgaattaatt ctcatatctc aaaatcattc accgttttca tttcattcta actaatcttt   120

ccagaaccct cgaatctctt ctttcgaacg tgcaaagatt tttgacttga ccgaatgctg   180

ttgcggttga aatcggtgtg agaaataggg tttcgacgat gccttcgctt cccttttggac 240

tccttctacg c   251

<210>   2081
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963836H1

<400>   2081

753

ttaactttcc cctttgaaat cctttctcag ttctgcgcca actgaaacgc agatcgaact   60

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cacagtaaca gtatgagcgt catcgacatt ctaacccgag tcgattccat ttgcaagaag   180

tacgacaaat acgacgtcga taagcaccgc gatgctaatg tctctggcga cgatgccttt   240

gccagactct ac   252

<210>   2082
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963843H1

<400>   2082

gccatgtgtt caatgggttg atgacaacct taagcaaagc aaagaagatt gttttgctca   60

ttcaatggaa tacgatattg agactaatca agttcgagca ctcacggtaa agacagatcc   120

atggtgctca tgtggaggac ttacacctga tggtaccctt gttgttgctg gtggtttttgc   180

agacggaggg aaaacctcca gatactatgg cggtcaacct gattgccaag actgtgactg   240

gag   243

<210>   2083
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963847H1

<400>   2083

tctgcctgca gtctccaaca aaacagagtc tataagattc attcatcaca taaccgcaaa   60

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cacgatggtt cagtataatt ttaagaagat cactgtggtg ccaaatggga aggatgtcgt   180

cgacatcatc ctctctcgca cccagcgtca gacaccaacc gttgtgcaca aaggatatgc   240

tatttcacgg   250

<210>   2084
<211>   242
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700963859H1

<400>   2084

ggttgatcca tgataattct ctgggtaaa ctttcaatat tgagggagta aagcacttgt   60

taattacttg ctgatctctc tcttttctca ctcttggaca cacgcacaca gaggtcagga   120

ttgtggaatg tgaacgctgt aatacttgat cttaccacag ttagtaagtt ctcatgacat   180

acgagattca ctaatctttt ttgatacatg aagggcccaa agggctgaga ttcactagtc   240

ta   242

<210>   2085
<211>   246
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963861H1

<400>   2085

cagcgggata aagtgtatcc cgaaggaata cgtgaggcct caagaagagc tcaagagcat   60

agggaacgtg tttgaggagg aaaagaagga agggctacag gttccgacaa ttgacttgag   120

agagatagat tcggaggacg aggttgttcg agggaaatgt cgtgagaagc tgaagaaagc   180

ggcggaggag tggggtgtga tgcacttggt gaaccatggg atccccgatg agctgataga   240

gcgggt   246

<210>   2086
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963865H1

<400>   2086

gaacctaccc tcaaataccc ggtggagatc cacggtgtta tcctagcacc ggttccgcag   60

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cgagaggggc ttttcggaat actctctcgg gtaagtttgt tggagcgttg agaacttgcg   180

ctcggattaa aataaccgac ccgaaagcga attgggtgat ggaaaccatg ccgggtgcga   240

gagttatgag t   251

<210>   2087
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963867H1

<400>   2087

gtttggtgtg agtgaatagg gatcagggat gtggaggctg aagatagcag atggaggaaa   60

tgatccatac atattcagca caaacaattt cgttgggagg cagacatggg agtttgatcc   120

tgaagcaggc agtccagagg aacgggccca ggttgaagca gctcgtcagc atttctacca   180

caaccgcttc aaggtcaagc cctgcgctga cctcctttgg cgttttcagg ttctcagaga   240

aaataacttc   250

<210>   2088
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963874H1

<400>   2088

accacattca aatccaaatg gcccttaca ttacactaat aattggcctc ctagtaaaca   60

ccctagtact ctataaatag catttgcatg caccttagtc ttcaccaaaa tactcctctt   120

ggcatcttgt gttgtgtccc tcttttaagc tatttccttc tcttaacaca attggttgtg   180

ccaattgcca tagtcaccaa ccaattaaca aaggtatata tatcatcata tcatcaccaa   240

<210>   2089
<211>   250
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700963882H1

<400>   2089

cttcaaggtt caagtataag ancccaaagg ggcatagatc agctattaga atctcacgca   60

tagtgtctga gacacttagg cttgggatgg aggatgtgag gtggtttgtg atgggggatg   120

atgacacggt ttttgtggca gaaaatttgg tgaaagtgtt gcaaaaatat gaccacaatc   180

agttttatta cattgggagt tcctcggaga gtcacttgca aaacatttat ttttcttata   240

atatggctng   250

<210>   2090
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963887H1

<400>   2090

ctctgtctca gccaacaaca caacaatcaa tgtacgctgc atcaaccatg aaatccatgt   60

acaagcctcc attgcccaga tctccaattc gccttcgacc ctctcatgct gttcattcat   120

caaactctat cgctcttcaa accccaccag gttccttgac caaatctcag aaacctgtta   180

tctctccaaa catgcgaccc gaataccgca ccatttcgtg cgaattacgg gctctgacca   240

aga   243

<210>   2091
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963890H1

<400>   2091

gagagatttg atagcctcaa ctcaagtaag ggttttctct ttgagaaaat cgtatcttac   60

accttttggt gaccactttg agtgagagaa gagaaattaa gagagatact caaattagat   120

tcaagagaga tggccatcaa ccatgaaact tgggctttca ttttcggtct tctaggcaac   180

gtgatctcct ttatggtgtt cctcgctcca ttaccaactt tttaccaaat ctacaagaaa   240

a   241

<210>   2092
<211>   250
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963896H1

<400>   2092

cgatcaaaca caaaatggaa aagaatgtgg ggattctcgc cattgacatc tacttccctc   60

ccgcttgcgt tcagcaggaa gcattggaga ctcatgatgg tgccagtaaa gggaagtata   120

ccattggact tggccaagac tgcatgtcat tctgtaccga agtagaagat gtcatctcaa   180

tgagtttgac agtggttact tctcttcttg agaagtatgg gattgatcct aaacaaatcg   240

gtcgtctgga   250

<210>   2093
<211>   249
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700963920H1

<400>   2093

cttctcttta cacncccctc nctattttgc gttcattctg ttttccagtt gaagtctttc   60

cntagccaat ggncactnat tgnttgaccc gggttcacag tgtccgtgag aggcttgatg   120

anaccctcac tgncaacagg nacgaaattt tggcccttct gtcaaggatc gaagctaagg   180

gcaaggggat cctgcaacac caccaggtca tgctgagttt gaggaaatcc ctgaggagan   240

catncnaaa   249

<210>   2094
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963928H1

<400>   2094

ccagagccaa ggtaggttaa acactcttct tcatcgtcgt cgcaatggga cgtgtgatcc   60

gtgcgcacgt aagggagcag ctcggtctt caagtcccac acgcaccacc gcaagggccc   120

tgcccgcttc cggagcctgg atttcggaga gcgcaacggc tacctgaagg gtgtcgtcac   180

tgacgtcatc cacgatcctg ccgtggcgc gcctctcgct aaggtcgcct ccgccaccc   240

gttccgctac aagaagca   258

<210>   2095
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963930H1

<400>   2095

ccttgctacc aacactgagc ttaaccgagc ttcgcaaaga tgaatcggga aaagttaatg   60

aagatggccg gttcggttag aactggagga aagggtactg tgagaagaaa gaagaaggct   120

gtccacaaga caacaaccac agatgacaaa aggcttcaga gcaccctgaa gagaataggg   180

gtgaatgcca tccctgctat tgaagaggtc aatatcttta aggatgacgt agttatccag   240

tttctaaatc ccaaagttca agcatc   266

<210>   2096
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963943H1

<400>   2096

gcttggtttg gctaggaaaa ttaccatctc caaggattct accactgtca ttgctgatgc   60

tgcgacaaag gatgagttgc aagccagggt tgctcagtta agaaggagc tgtctcagac   120

agactcagta tatgatactg agaaactggc tgagaggata gctaaactgt ctggtggagt   180

tgcagtcatc aaggttggtg ctgctacaga gactgagctt gaggatcgga agctccgaat   240

agaggatgcc aa   252

<210>   2097
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963951H1

<400>   2097

ctggaacttg tctcaggagc aagaacaacc cctttggagt gaaggcatta aggcgtactc   60

cagcgaaacc ccattggacc ttcggacgta agaacaaggt cagcagtgct taagcagttt   120

aaggaaatgt gaacgtgcag aaggagccaa tgatgaagta aaagggaaga cgaaggacta   180

aagcaccagc tggatgcact ccccccttct tcacataatg ctgcacgtaa cataaagatc   240

tttaccat   248

<210>   2098
<211>   242
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963986H1

<400>   2098

caacttctgc tacttcctac tccaaccgca cttctgctcc gcaattatca tgggcaaggt   60

caagatcgga atcaacggat ttggaagaat tggccgtttg gtagccagag tggctctgca   120

gagagacgat gttgaactcg ttgccgttaa cgaccctttc atcaccaccg attacatgac   180

atacatgttt aaatacgaca gtgttcatgg acactggaag catcacgatg tcaccgttaa   240

gg   242

<210>   2099
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700963987H1

<400>   2099

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cttcacccca atccaacgct ccataatcct cgacttcatt aactcgttaa gttccaccgc   180

gggggcccca cttccctccg tagcatcgtg gtggaagacc acggacaagt acagggggggg   240

atc   243

<210>   2100
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<213>   Glycine max

<223>   Clone ID: 700963993H1

<400> 2100

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ccttggtgtg aagcagatga tctgctgctg taacaagatg gatgccacta ccccgaagta   180

ctctaaggct aggtatgatg aaattgtgaa ggaagtctct tcctacttga agaaggttgg   240

ttacaaccca ga   252

<210>   2101
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<213>   Glycine max

<223>   Clone ID: 700964007H1

<400>   2101

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acccaactgt gagtgctgat taccagaagg ccgttgagaa ggcgaagaag aagctcagag   120

gcttcatcgc tgagaagaga tgcgctcctc taatgctccg tttggcatgg cactctgctg   180

gaacctttga caagggcacg aagaccggtg gacccttcgg aaccatcaag cacccttgccg   240

aactggctca cagcgctaac aacggtctt   269

<210>   2102
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964009H1

<400>   2102

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attcctgttc ctattcctat tcccctcgt tcatgctctt tcttacgaag ctgcttatat   120

tagagatggc ctcaaatcct attcccagct tgatctccct cactccgttt ttggttctga   180

aagtgtagcc ttcgattgcc atgggaaagg accatatgtt ggagtgtctg atggtagaat   240

tctcaagtgg caagagacaa agagagagt   269

<210>   2103

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<211>      268
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964012H1

<400>      2103

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aagatcaaga aggtttttga gaagaatagc accaagaaag ctgctgctgc tgaggccacc   180

aagtcctttg atgagtcaaa ggaggaatac aacaaagcct ttgaagaaaa gaagactgaa   240

cttcaaacta aagtagttga aatatacg                                      268


<210>      2104
<211>      267
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964023H1

<400>      2104

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tcatggcaga cgagacccag aacaagtatg agagctctga ggttgaggtc caggatcgtg   120

gtgtttttga ctttctcggt aagaaaaagg atgaagaaga caagcctcat cctcaggagg   180

aggtcatcgc caccgagttt caaaaagtca ctgtctcaga ccaaggagag aacaagcaca   240

gcctcttaga aaagcttcac cgatctg                                       267


<210>      2105
<211>      267
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700964029H1

<400>      2105

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gagaaagggg ccatggacaa tggaagaaga cttaatcttg atcacctata ttgccaatca   120

cggggaaggg gtttggaact ctttggccaa ggctgctgga cttaaacgta ccggaaagag   180
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ttgccggctc cggtggctaa actacctccg tcctgatgtt agaagaggga atattacacc   240

cgaggaacag cttttgatca tggaatt   267


```
<210>      2106
<211>      263
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964040H1

<400>      2106
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atctcagatt acacccttc ttcctttgtt ttctcattcc tgtcctttct cagacaacac   120

catctctctc tctcttgttc ccttttagg gtttttgtaa tgggtctcgg taacgacgaa   180

gaagaggata acaataacaa tgataaggtt gtggatgacg gagatgttgg aggaggaaag   240

tctttcggtt cagtgtcgtg ttc   263


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<210>      2107
<211>      263
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964041H1

<400>      2107
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gtttctccct ttctctctgt ctctctctcg ctcttcttct catccagcac cgagtcacag   60

actcaccgat cttccgattc cctttcgtct tggtttatga gctcgaagga gagacccact   120

cttggtggca cgcggattaa gacccgcaaa cggaatattg ctgcgccgct ggaccctgca   180

gcattctcgg atgcagtggt ccagatttat ttggataatg ctggtgatct ggaacttatt   240

gctaagagca ttgaatcttc aga   263


```
<210>      2108
<211>      271
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964048H1

<400>      2108
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ttgacaacga tggtgctgcc gctatttact gctttcattc tctttgcttt tattccgaat   120

ggattgttag cagttccttc caccgtcccg gcattccttt ggtcatcaca ttatgaactg   180

gcctctgaaa atatattgaa ggaatctgta aattaccaag tcatttctcc gaaggatcta   240

gcaaaatcta ttttatctga agcaggctgg t                                  271
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<210>   2109
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964051H1

<400>   2109

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ctttgaagaa aattgaagaa agaaagagtc attgtgcgat ttgttattgg ataatcatgt   120

ggaaacaaat ggtgcattcc aaggaaaggc aaaattgctc tttgctcatg ctggagacaa   180

atgggatgct gagtttttatg caaaagtcaa tgatgatgtc tatgtaaata ttggttagtt   240

tttctttgac ttaaaccctg ca                                            262
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<210>   2110
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964052H1

<400>   2110

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gctctctcac tcacaaacgc acactgaatt caaaaacatc gaaagagaga ggcatggccg    60

agcaaacctt catcatgatc aagccagatg gcgttcaaag aggccttatt ggcgagatta   120

ttagcagatt tgagaggaag ggttttttact tgaaagggtt gaaactcgtt actgtggacc   180

gtccttttgc tgagaagcac tatgctgatt tgtctgcaaa gcctttcttt agtggttttgg   240

tggattacat tgtctctggc                                               260
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<210>   2111
<211>   261
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<212> DNA
<213> Glycine max

<223> Clone ID: 700964056H1

<400> 2111

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acagcaccca agtccaatga tatctatctc aagctcttgg tcaagcttta tcgcttcctt   120

gttcggagaa ctggcagcaa cttcaatgct gttatactta agagattgtt catgagcaag   180

gttaacaaac ccccattgtc tttgtcaagg ttgattaagt atacgaaggg gaaggaagat   240

aagattgcag tggtggtggg g   261

<210> 2112
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700964058H1

<400> 2112

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acaattacaa gaacaaaaag gaaaagtgcc acccaacatg gaggttcaac actggctgat   120

cttcagcagg ctcttgaaga ctacttgctt gtacttttgg gattagttga aaatggaagc   180

catttacaat acaaagtaca atttgcttgg gtgaatcaag aggatgaagc agaggaaaca   240

accatgtcta atgcttggta t   261

<210> 2113
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700964059H1

<400> 2113

agcactcatc cacacattct ccgtcgccac gacaacaatg gctccaaaga aaggtgcgaa   60

aggtggagtt gtagcagcaa agaagaaggt tcaggagaag gtaacgaacc ctttgttcga   120

gaagcgtccg aagcagttcg ggatcggagg cgcgctgccg ccgaagcggg acctgacgcg   180

cttcgtgaag tggccgaaga acgtccaaat ccaacgcaag aagcgcatcc tcaagcagag   240

gctcaaggtc cctccggctc t   261

<210>   2114
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964062H1

<400>   2114

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caagtgtacc agagtttctg tgagagcttc aagtcttcat tctctccatt catgggctct   120

acgatcatga gcatttccat gggtttagga ccggatggtg agctacgtta tccatctcac   180

ccccagctgc cgagtaatgg aaaaactcaa ggtgctgggg aattccagtg ttatgaccaa   240

aacatgctca gctttctcaa gcaaca   266

<210>   2115
<211>   261
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964067H1

<400>   2115

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caggaggttc aaagtgatca ttatgaagaa ttttttttctc ctgaactgga caaacatggt   120

tattatggtc tttacaaaaa gaaaacaaat gaggtataca atggaaacat taatacaatt   180

gatgggtgtg caacattttt ccgtagagac agattttcac atgtgaaaaa atatgaggtt   240

gaatttaata aggctgcaca g   261

<210>   2116
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964071H1

<400>   2116

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ttggtgggag cagcttctca ccgtgacgct gctctacgaa gacgacgaca acctcgtgtg   120

acaacatcaa ataatgggaa aaggaaacat ggaactcgag acaaacaagg tctatgacta   180

cgaggatgca cgaggggacg ttgaagtccc agataccgct catcagataa gcactgattc   240

atggtttcaa gtggctttt   259

<210>   2117
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964072H1

<400>   2117

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ttggcgacga cgaggacacc ggagctcacg tcgctccaat cgtcaagctc gaggaggttg   180

ctgtcaccac cggcgaggag gacgaagatg caatcctgga tctcaaatcg aagctttacc   240

ggttcgacaa ggacgggaa   259

<210>   2118
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964076H1

<400>   2118

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atgggtcgag tgagaacgaa gacggtgaag aaatcctctc ggcaggtgat agagcgtcac   120

tactcgcgca tgaccctgga cttccacacg aacaagaagc ttctggagga agtggcgata   180

atcccgtcga agaggctaag gaacaagatc gcggggttct cgacgcacct gatgaagcgc   240

atccagaagg gccctgtgc   259

<210>   2119
<211>   267
<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700964080H1

<400>   2119

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ggcacctgta agagattgta gttggcaccc ctattatcca atgatgatca cttcggcttg   120

ggatggtgat gttgttaggt gggaatttcc tgggagtgat gaagcccctg cttctccaaa   180

taaaagagaa ggtcgaattc ataggagaaa tttgctttat ctatagttca tgctctttgt   240

acatatgtgt ctggatccat actatat                                       267
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<210>   2120
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964085H1

<400>   2120

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ccattcttct tcttctctta atgggttgca tttactcgcg agtctgcata ggcgacaatt   120

gcagaggctc aagcatcaac ggagacccca ttatcgcccg aaacgacgtc gccgaagtcg   180

cgaatttctc cccttcctct tcggatgttg aagaaggcga atcagagac caattgaacc   240

aattgagcat cactcg                                                   256
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<210>   2121
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964086H1

<400>   2121

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tcaggatcgc ccactccatc ctctccggcc acggcttctc tttcgacgtc ccttcccgct   120

ccgccgccaa ccagctctac gtgcccgagc tcgaccgcat cgtcctcaag gacaaatcct   180

cccttcgccc gtttgcgaac atctccactg tgcggaaatc cgccatcacc gcccgcatcc   240
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tgcagctcat ccacca   256


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<210>        2122
<211>        258
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700964092H1

<400>        2122

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ctgtcaaaat gatgagcacc ttacgaatgc ctgctttaag aatgtcgagt ttctccggat   120

tacgtactct taatcctatg gattctctgt cgagaccacg ccacactttt ccgttgaata   180

caacttctag gcgcgagagg gctaaaagat ttgtacctaa agctatgttt gagcgtttca   240

cagagaaggc aatcaaag                                                  258


<210>        2123
<211>        256
<212>        DNA
<213>        Glycine max

<223>        Clone ID: 700964118H1

<400>        2123

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tctcttccag atgccacttg ccgttcttca ccctcacgat tttctcagga aaaacccatc   120

taaccagtac cagaccataa tccctcactc tcccaacatg aatcctaata agtctcatcg   180

gacttcccga aaccgtaaga agcggcccga tccaagccca caaggcgttg tcagcccagc   240

ccggctcaca ttatcc                                                   256


<210>        2124
<211>        248
<212>        DNA
<213>        Glycine max

<223>        unsure at all n locations
<223>        Clone ID: 700964153H1

<400>        2124

gaaccacaca gactttatca tcaccagcac cttccaagag attgctggaa gcaaggacac    60
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tgttggacag tatgagagtc acactgcctt cacccttcca ggactctacc gtgttgttca   120

cggtattgat ccctttgatc caaagttcaa cntcgtctct cccggtgccg acatgagcat   180

atacttccca tacactgaaa ctgancgtag gttaacagag ttccaccccg anattgaaan   240

acttcngt   248

<210>   2125
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964178H1

<400>   2125

ggcagaatta ccggaattta tggcacaccg atctcatgag atccattcag gccgatactc   60

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ctctctatga tgatatgtca aggtacacat gttgtgctgg ctacatgcct tgcagtggta   180

ggtgtggaga aagtaaatgt cctgaatttt gcctttgcac tgaggttttc ctctgctttg   240

gaaattc   247

<210>   2126
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964191H1

<400>   2126

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aaactggcaa ttcccagggc cacaaattga agctgtgacc aatgacaact tgattatcaa   180

tgtttacaac agcttggatg aacctttcct cttatcttgg aatggagttc tgcagaggag   240

aaa   243

<210>   2127
<211>   249
<212>   DNA
<213>   Glycine max

770

<400>   2127

cgtaacagaa gggcccggag gcggcggcgc ggctgccgac ggtgacgccg ctgtcgaagt   60

gcaagctaag gctgctgaag ctggagcgca taaaggacta cctcttgatg gaggaggagt   120

tcgtggcgaa ccaggagagg ctgaagccgc aggaggagaa ggccgaggaa gacagatcca   180

aggtcgatga tctccgaggt tctcctatga gcgttggtaa cctagaggaa ctcattgacg   240

agagtcatg   249

<400>   2128

gcccggcgag aaaatgagag aaatcctcca catccagggc ggccaatgcg gcaaccagat   60

cggagccaag ttctgggaag taatctgcga cgagcacggc atcgaccaca ccggaaagta   120

cagcggcgac tccgaactcc aattggaacg catcaatgtc tactacaacg aggccagcgg   180

cggaaggtac gttcctcgcg ccgtcctcat ggatctggag cctggcacga tggactcggt   240

cagatccggg cctttcg   257

<400>   2129

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ctgtttgttg gactgaacaa gggtcacgtc gtcaccaaga aggaattgcc tccacgcccc   120

tcagatcgta aggggaaaac aagcaagagg gtgcactttg tgaggaacct cataagagag   180

gtagccggtt ttgcacccta tgaaaagcgt ataactgagt tgctgaaggt tgggaaggat   240

aagagggcac tgaagg   256

771

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<210>      2130
<211>      256
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964212H1

<400>      2130

gaacaaacat ggtttcttcc aacactgccg agctgctgag agaggagatt cctgtgaagc    60

aacaacctct gactttgtct gcagacatca taaccggcct cgtactcgtc gatgttgtca   120

atggcttctg caccgttgga gctggcaatt tggcgccgaa agaaccagat gaacgaattt   180

ctcagatggt aaaagaatct ctgaggctgt ccaaagcatt ctctgagaga aagtggccaa   240

tttttgcttt ccttga                                                   256


<210>      2131
<211>      257
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964213H1

<400>      2131

ggaaaaaaaa aggactttcc ggttacatgg tccatcgggt cgaatgattt gaatacgagc    60

gaatccaggt aaatttgcct ccgtacccag aacggaacct tcgctaagcc ttcttggtgt   120

ttgcgtcaag ctcaccgagg aaaaacgaca atatttatt tagttgcctg tgtttcgaga   180

cgccaaataa acgacattat cactggcaac ccgaaacaca ctcttcatgc cgtttcattc   240

gtcacttcgc gcgtctc                                                  257


<210>      2132
<211>      259
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964214H1

<400>      2132

cttttgccaa ctcaacttcg aactcaaatc aagcaatcaa tttcaaatcc aaaaatgggg    60

agctccacaa ccttctgtgc cttcttcctc gtgtgtacga tcttgtccgt ccacgtggcg   120
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772

caatcctcat cctccaccct cgacctggac acctttttcc tccctctcaa atccggctgc   180

cgcggatccg tcgccgagtg cagcctcctc gccggcgacg acgacaccga gtttctgatg   240

gagtcggaga gcaaccggc   259

<210>   2133
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964217H1

<400>   2133

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caccgtcaca acccaagcct ccgccgcgat tttccggcca tgtgcctcga aatcgaggtt   120

tctgaccggc tcttccggta aactcaaccg ggaagtgact atgaggccaa tggggtgccc   180

tccttctgcc tctttcaagg ttgaagccaa gaagggagag tggttacctg cttggcctc   240

cccaacttac ctcaatggca ct   262

<210>   2134
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964220H1

<400>   2134

ccccgccagg ttcagagact tttccgattc ctggaagaag agaagagaaa acctaaatca   60

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caactgcggc ttcttcggta gcaccgccac gatgaacctc tgctccaaat gctacagcgc   180

gatccgtttg aaggagcaag aagaagcgtc gacgaaatcc acaatcgaaa ccgcgctctc   240

ttctgcctcc tcggc   255

<210>   2135
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964223H1

<400>   2135

gcttctagcg atgctgagtt gagaggcaat cagtttcatc tggaagagag atatggtaat   60

aataataggt actcaaagga tgcagttctc actaagggtg aatgcctctg ggagggaatg   120

cttcaaccaa atatctctag cactcattca gtcgtaagca tctttaagag tggtgagaaa   180

actgctgctg aagactggcc tgggtttctt gagatcaagg gaagggtgcg atgtgatgca   240

tttgagaaat tt   252

<210>   2136
<211>   253
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964236H1

<400>   2136

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attcactggt caaactgctc tgaagcagct caatgagttc gtccgcaaga ccggtggcgc   120

cggcaaaggt cgcactaaca tgcgccgcac cgtcaagagt gctcctcaga gcatttggta   180

tggccctgac cgtcccaagt acttgggtcc attctcggag cagattccat catacctgac   240

cggagaattc cct   253

<210>   2137
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964245H1

<400>   2137

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tgcatctggt tatgatgaaa atgctgctac tttgaatcac gcgattccgt tgtcccaaca   180

gttgagttat ttcaaggaat accaaggcaa gctggccaag gtagctggca gtaaaaaagc   240

agcctcaatc atcaagg   257

<210>   2138
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<223>   Clone ID: 700964256H1

<400>   2138

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ttccgtgaaa gaggtaatag cacgagatga aaaaactgaa tcttttgtca ctgttgaacc   180

tgaaaatggg aagttggaga tcaatgatgg aaaacagact aatggcacta gtaaagactc   240

caggttagag gatt   254

<210>   2139
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964259H1

<400>   2139

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caagcatatg aagttttaag tgatcctgag aagaaagaac tgtatgacca gtatggtgaa   120

gatgccctta agaagggat gggggggagga ggctcgtttc ataatccatt tgatatattt   180

gaatcatttt ttggaggagc aagctttggt ggtggtggta gttcccgagg tagaagacag   240

aagcatggtg aaga   254

<210>   2140
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964267H1

<400>   2140

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atgttggggt cttaccgagt ttgattctgg cacatctgtc aattactctt ttagtaattt   120

ctcctttaag aatctctccc agcttgcatc aatcaactat gatctcacca agggatggaa   180

775

agatgacccg ccaacgaatt ctagtgcata gctgtatgta ttaacctatg tcaaagtcca   240

gaatttggtt t   251

<210>   2141
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964270H1

<400>   2141

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gttcgcaatg cagttttta gctggagcaa acaaagtgag gtttcctagg caagtcggtc   180

aagttagcca cgttcgcaaa cagcgccaaa cgcgtcactg tggtgctctc cacgcgactt   240

gcagcggtga   250

<210>   2142
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964280H1

<400>   2142

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tgccatatag agcttgtatg agccatagca aggactagta gttgccctag aaccagcata   180

taatattatt atactagtca tcataaaatg aaaattttgc ttgctttgta gtttatccag   240

ggaatggtat ataaatagat aa   262

<210>   2143
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964282H1

<400>   2143

776

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ttaatatgaa ttctcatgat gttttgaaaa ctctggtctt gcagtttgtt gcttcgtcgg   120

gagtgttgtt cctttagcaa tggagaatat ttgaaggcag gtttacatga gttggaacaa   180

tggtgtctta aagcaacaga ccagtttgct gggtcatctt gggctgaact caaacacata   240

cgccaagctg tg   252

<210>   2144
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964285H1

<400>   2144

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ttcaaccaga ttaagtcctt ggttgatgtt ggaggtggca ttggagggtc tctttctgag   120

attgttaggg cttatcctca catcaatgcc atcaactttg acttgcctca tgtggttgcc   180

actgctccta agtatgatgg aatcacccat gttggaggtg acatgttcgt gtccattcca   240

gatgctga   248

<210>   2145
<211>   248
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964286H1

<400>   2145

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cagagttcct tggattatct ctttggcagt ggggtacctg ccagcagtgc aaatggtgct   180

cgcactcaaa atgcaagtgc tccttcacca ccggttgata agcaaagtcc agcaccagca   240

ccagcacc   248

<210>   2146
<211>   234

777

<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964291H1

<400>   2146

cctcttctaa cttctccatt tcacacagga agaagatcag ancacattta gaacaaaaaa   60

gagagtttga gaaatgggga ggggtaagat tgagatcaag aggatagaga actcaagcaa   120

caggcaagtt acatactcaa agagaaagaa tgggatccta aagaaggcca aggaaatcac   180

tgttctatgt gatgctcaag tttcgcttat catctttgct gcatctggaa agat   234

<210>   2147
<211>   258
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964294H1

<400>   2147

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aactcggacc ccgtagaacc agtcacggca accgccactg ccggcgccga cgacgccacc   120

gtctcaacaa ccgcctcttc ttccaatgaa gatcagcctg caccgccggc ggcaccaaac   180

attgtgatgt cctccaagga tcacgattct ctcttcagcg gtggcggcat cagctttctc   240

tctggaagcc gaaatgga   258

<210>   2148
<211>   259
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964295H1

<400>   2148

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gtgcagtcgt cgcttaacaa tggggtgttc gtggcggagt tgagggctaa ggtgaaggaa   120

catgcaaacg gcaagaaggt cagcattgtg gaagtgaaga gggcacttaa ccaaattata   180

ccccatgctg ttgactaaag aggggtgca tgcttgaatt ttcagggctt gactttatgg   240

778

atgaatattc caagtagaa   259

<210>   2149
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964321H1

<400>   2149

cgactttct tggtctctac ttcgcatttc cgttctttgc ttttctcggg ctacgaaaaa   60

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cggcgaggag cagctctcgt tgctgtcaga ttccagcaat ggtgaccggt cgtggcggtt   180

gaacttcgac gggtttcagc tatcttcgga gcacacggag aagcaagtga aacccccctcg 240

                                                                     261
cggactccat gactgttatg g

<210>   2150
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964330H1

<400>   2150

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gatgaagttc aacattgcga atcccaccac cggttgtcag aagaagctgg agatcgatga   120

tgacctgaag ctgcgagcat tttgggacaa gaggatctca caagaggttg ttggtgatgc   180

tctgggtgag gaattcaaag gttatgtctt caaaattact ggaggttgcg acaagcaagg   240

                                                                     264
atttccaatg aagcaaggag tgtt

<210>   2151
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964340H1

<400>   2151

gtcccgcctt tgtaaataca attgggacac tactaggatt gggaagaagg gtctttacat   60

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ttttagtttg gcaaatagat attgcaacta cctttgtata aatctatttc tgaagaagca    120

attacaactt tcaagggatg atagcatttt gtggcataag gattaaggag gcataaagga    180

ccaattgctt tggaatattc actcatgaca aggcacaagg tcatgcgtgt atgccaacac    240

atagtaatga tgtgtg                                                    256


<210>      2152
<211>      259
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964351H1

<400>      2152

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caggaggaaa ggctcctagg aagcagcttg caaccaaggc tgcacgtaag tctgcaccaa    120

ctactggtgg tgtgaagaag ccccaccgtt atcgtcctgg taccgttgct cttcgtgaga    180

ttaggaaata ccagaagagt accgagcttt tgatccggaa gctccccttc cagaggctgg    240

ttcgtgaaat tgctcagga                                                 259


<210>      2153
<211>      255
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964353H1

<400>      2153

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aaagaatttg gtagttgctg ggggtttgac agcttttgtc tttggtgcct acttctacac    180

catgagggct gttggaggca ctgatgaact gcaggtagca attgataagt ttgaagctga    240

caagaacaag aatgc                                                     255


<210>      2154
<211>      254
<212>      DNA
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780

<223>   Clone ID: 700964404H1

<400>   2154

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ttatcatcct cttccaaact caaatgcttg cgctcctctc ctcgcatttc gcacctcttt   180

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ccgaagtccg ttgc   254

<210>   2155
<211>   252
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964408H1

<400>   2155

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cttatggtac ggcagcttca ccccaatcca acgctccata atcctcgact tcattaactc   180

gttaagttcc accgcggggg ccccacttcc ctccgtagca tcgtggtgga agaccacgga   240

caagtacagg gg   252

<210>   2156
<211>   247
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964412H1

<400>   2156

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agttatctgg cgtccgcggg tgtcgacggc gttaaggtgg acgtgcaatg catcttagag   120

actctgggtg caggactcgg tggaagggtg gaactcacga ggaattacca tcaggccctt   180

gacgcttcga tttctagaaa cttccctgac aatgggtgca tcgcctgcat gagccacaac   240

acggacg   247

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<210>      2157
<211>      254
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964415H1

<400>      2157

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ccgtacaaag caaactgctc gtaagtcaac tggaggaaaa gctcccagga agcagcttgc   120

aaccaaggct gcacgtaagt ctgcaccaac aactggtggt gtgaagaagc ctcatcgtta   180

tcgccctgga actgttgctc ttcgtgagat taggaaatac cagaagagca ctgagctcct   240

aatcaggaag cttc                                                     254


<210>      2158
<211>      247
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964428H1

<400>      2158

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ggcaagacgc cggaaaggtg gagctagtag aagggtcatc ataccttggg caaccacttc   120

cattctcaat caccacactg atctggatcg aggtactcgt aattggctac atagagttcc   180

agaggaatgc agagctcgac ccagagaaga ggttgtaccc aggtggcagt tacttcgacc   240

cattggg                                                             247


<210>      2159
<211>      145
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964433H1

<400>      2159

gtccccggaa agtgagcgtc aaagaacgaa atgacttttg agagttttta gatttgtgtt    60

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782

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ttgctttttta caaaactcaa gtgtc                                              145


<210>      2160
<211>      246
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<223>      Clone ID: 700964439H1

<400>      2160

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tcggtgagcc tgaagttaca actggagcag ctggtgattt gcagcaaatc accagtttgg   180

caaaacagat ggtgaccaca tttggaatgt ctgatattgg tccttggtca cttatggaac   240

catcag                                                                   246


<210>      2161
<211>      247
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964452H1

<400>      2161

cacaacattc gtcattcacc gccttgtctt gtcttcttct gtctccgaat cacggaatct    60

ctctgaatcg cgggattaag agaggaatat gcaacagagg ctaaagttgc agcaacaaca   120

ggccctcatg cagcaagctt tgcttcaaca gcagcagatg taccaccctg gcatgctcgc   180

cgctgctatg tctcagatgg agcctgttcc aagtggaaat gtgcctcctg gttttgatac   240

gtctgca                                                                  247


<210>      2162
<211>      240
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964458H1

<400>      2162

atcctggtga ggtaaacaga attagggaat tgccacaaaa ttccaagata gtggctacac    60
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atacagacag ccctgatgtc cttgtttggg atgttgaaag tcaacctaat cgccatgctg   120

tccttggagc tacaaactct cgtcctgatt tgatattgac cggacaccaa gataatgcgg   180

aatttgctct tgctatgtgc ccaactgaac cctatgttct ttcaggagga aaggacaaaa   240

<210>   2163
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964470H1

<400>   2163

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caatttccat tcgcaatttt tgttgctgct gagcacggaa tcggagatga aagtgaagat   120

cttgcaatgg catgctattg cttcttggac ttgggatgca caggacgaaa cgtgtgggat   180

ttgtaggatg gcctttgatg gatgttgtcc tgactgtaaa cttcctggag acgactgccc   240

gct   243

<210>   2164
<211>   245
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964472H1

<400>   2164

ctcagacaca cactctcact ctctctccct caccttccat aatgcagctc ctccggccac   60

tgctcgcggc ggcgctgctc ctcctcgcca ccctctccga cgcgcacaac atcaccagca   120

tcctcgcaaa gcaccccgag ctctccacct tcaaccacta cctcaccctc acccacctcg   180

cccccgaaat caacggcaaa accaccatca ccgtctgcgc cgtcgacaac gccgccatgt   240

cggac   245

<210>   2165
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964475H1

784

<400>   2165

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tgcgagaagc tgaagaaggt gcttagtgct aatccggagg ccccttttgaa cattgagtgc   120

ttaatggatg agaaggatgt cagaggcttt atcaagcgtg atgagtttga gcaactaagt   180

cttccaattt tggaacgggt gaagggacct ttggagaagg cacttgcaga ggcaggtctt   240

a   241

<210>   2166
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964476H1

<400>   2166

acattgacag cggcacctac ctgtacttgt attattttgg tattcgtata aatgttttcc   60

tctttctctc ttctcttcta aatctaattc gaatcttcgc cagttaatag aaactcaact   120

ttgagtagat aatactgctg gatgtctcgt ctctaattat tgtatttgga aaatagtttt   180

gagttgagga tctaatcatt accagattta atatacttgg caaatggggt ctgaaggtc   239

<210>   2167
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964478H1

<400>   2167

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tgctgcatat tcagatggta atgtaagagt ttttgagctc tcggatccct tggaactgag   180

aaactggcag cttcaggctg aatttcaaaa tgttattgag tcagtgtctt catttggaaa   240

ggct   244

<210>   2168
<211>   241

<212> DNA
<213> Glycine max

<223> Clone ID: 700964488H1

<400> 2168

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gtgatgctgc ttataggcaa tggaaatggc atgtagcttc caagaacaga gaaaaaatct   120

cctccaacca gcacaatcag aaaggaatat ttgctttcct tcgtggtggt tttctcccct   180

tcatatggat caaagcaaaa tcagaaaagg gcacagagtc aagtagctca ttaccagaag   240

a   241

<210> 2169
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700964490H1

<400> 2169

gctcatccct ttagggtgaa agaagaatgg tgctttcgga ggaggaaatc ggtcgtctat   60

accgaataag gaagacggtg atgcagatgc tgagggacag aaattttctg gttggtgact   120

tcgagatcaa catgtccaag cacgagttca gtccaagta cggcgaacac atgaagcgcg   180

aggacctcgt catcaacaaa tccaagaagg acaactccgg cgaccagatc tacgtttt   238

<210> 2170
<211> 240
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700964495H1

<400> 2170

ggattngaat cggttcnana atgttttcta atttgttgat aatcantaat tntcattatg   60

gggtcnttgn ttgttcnagg tgaanntgat caaacaataa agnttgtntg tgtttgcttt   120

gtattacnga gtnaactcat ttnngtagta gcacatagta nggctctttg ccntnatggt   180

gttgatgtca aatacttaag aacacaggnn ntggnggcat ttccaagtnt atngcttggg   240

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<210>      2171
<211>      247
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964502H1

<400>      2171

cacttgttgt ttgaggttcc ctggtcagtt aaactctgat ctgcgaaagc ttgcagtgaa      60

cctcattccc ttcccgcggc tccacttttt catggtggga tttgctcctt tgacatctcg     120

tggctctcag caatacagag ccttgagtgt tccagagctc acccagcaaa tgtgggattc     180

caagaacatg atgtgtgctg ctgaccctcg acacggccgc tacctcactg cctcagccat     240

gtttaga                                                                247


<210>      2172
<211>      237
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700964506H1

<400>      2172

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ccnanacccc gangccaanc aagcctgaag gttgggatgn tgaggnanct ggtgagtgnn     120

cacccctac cnttgccaac cctgagtaca gnggcccatg gnangcgtgn aaatcnagaa     180

ccccaactat aaaggaaatg gtaggcacct tgatngatnc cccagntttc aggatga       237


<210>      2173
<211>      240
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964522H1

<400>      2173

ggaattatca gtgtcttctc tttcatacat caagaaacaa aagggtgttg aaataatggg      60

accctcttgc tctaatcgat caatagatga cggcacactt ctattgaact acaaacagtg     120

ttccttcaat aagaaattga tgaatgggta tttttctttt ggagcacagg gccttgctgt     180
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tgaagattcc aatagctgcg caaagtcaaa cagcagctac aaacgtttaa gttccatagt   240

<210>   2174
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964535H1

<400>   2174

gaagaataga gagtgatgga gtgcgtattc ggattggtgg gtaatggatt cgcgatcgtg   60

gtggctgatt catcggcggt gcacagcatc ctcgtccaca agtccaacga ggacaagatc   120

atgcttctcg attcccacaa actcatcgcc gctagcggcg agcccggaga cagggttcaa   180

ttcactgagt acattcagaa aaacgtcgcc ttgtatcagt tccgtaacgg catccctctc   240

a   241

<210>   2175
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964541H1

<400>   2175

cgagatttaa aacccgaaaa tctactattg gatgaaaatg agaatttgaa ggtttctgac   60

tttgggttga gtgcacttgc tgaatctaag tgccaagatg gattgctcca tactacatgt   120

ggtacccctg cctatgttgc tccggaagtg ataaacagaa agggctatga tgggattaaa   180

gctgatatat ggtcatgtgg ggtaatcttg tatgttctat tggctggtca tcttccatt   239

<210>   2176
<211>   251
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964548H1

<400>   2176

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agttcaactg tgtctcatgc tggtgtaaaa gtgacaaaag ttgatataat tattgttgat   120

788

gttgactctt cagacccaag ctcgggattg acatgccctg ctccggattt tttggatgag   180

tctttcttg agaccgtaaa ggataaactt tcagaggatg gtctctttgt tgtcaatttg   240

gtgtcacggt c   251

<210>   2177
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<213>   Glycine max

<223>   Clone ID: 700964549H1

<400>   2177

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aacaactact atgctactac ttcctctaat ttgttgcaat aaaaacccgc ttgcaaattg   180

tctcc   185

<210>   2178
<211>   239
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964552H1

<400>   2178

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actgcatctc tggggaggac gctctcggtg tcctcctcct tggcgacggg acggacgccc   180

cgtcgccact gcagtacacc cctttagtga cggcgacaac ctcgtcgccg tatttcaac   239

<210>   2179
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<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964553H1

<400>   2179

789

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gcatgatcgc gctccgtgtc ananacgcct ngcacatcta ncatcancnc aagctgagag   120

ggtctctncg tgctttgatc tgctnannag tctnacgnaa gntnttccng caagccagaa   180

gnactntcga gngcgtacan ngacgcgtgt agagagagtg gatagagaga ngnganngag   240

annaggccaa gtgangnaan atccggaatt agggnnctng agnggtaaaa atgtgggaat   300

tgccaa                                                              306


<210>      2180
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<212>      DNA
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<223>      Clone ID: 700964554H1

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aatggctcaa gcaatggcat caatggctgg cttgcgtggt tcctctcagg ctgtgttgga   120

aggtagcctt caggtgagtg gctccacacg cttgaatgtg gggagtggaa gcagggtggc   180

ctcagtcaca cgtgcagggt tcacagttag agcacaacaa caacaagtga gtggtgag     238


<210>      2181
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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964561H1

<400>      2181

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gatgaacagt gataggaaaa ttggggttgc cttggacttt ccaaaggaa gcaaaatcgc    120

tctgaaatgg gctattgaca atcttatcag caacggtgac actctctaca tcgtccacac   180

caagccttcc ggaggaagtg aatcaggaaa tcttctctgg tccaccactg gttcacctct   240

gatt                                                                244


<210>      2182
<211>      246
<212>      DNA
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<213>   Glycine max

<223>   Clone ID: 700964579H1

<400>   2182

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taacaatatt aagctttatg tccgccgtgt ctttatcatg gacaactgtg aggagttgat   120

tcctgagtat ttgggctttg tcaagggtat tgtggattcc gaagatctac cactcaacat   180

ttcaagagaa atgttgcaac agaacaagat cttgaaggtc atcagaaaga acttggttaa   240

gaagtg   246

<210>   2183
<211>   270
<212>   DNA
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<223>   Clone ID: 700964609H1

<400>   2183

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gctgttgaat cctgaagacg ctcatttctt cgatcttgtt catgtgctgt attcccgtaa   180

cttgggaaac cgaaaatttg tggacagcaa tgctgaggga tcttatgagg gaagcttccg   240

ccaaagatgg cttatattcg tctctgtggt   270

<210>   2184
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964611H1

<400>   2184

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tttttctttt aatatcatat cactcatgtc ttacttagag tctcaggtct acaaagagag   120

aaagtttgaa gaagaatcag aagaggtcac tcttgatggg agtgttgatt ccatggacg   180

tcctgcaatc agagccaaat ctggcagatg ggtggctgca attatcatcc tcttgaacca   240

791

agctctggca actcttgcat tttttggg   268

ctgctacttc ctactccaac cgcacttctg ctccgcaatt atcatgggca aggtcaagat   60

cggaatcaac ggatttggaa gaattggccg tttggtagcc agagtggctc tgcagagaga   120

cgatgttgaa ctcgttgccg ttaacgaccc tttcatcacc accgattaca tgacatacat   180

gtttaaatac gacagtgttc atggacactg gaagcatcac gatgtcaccg ttaaggacga   240

gaagaccctt ctcttcggtg acaagcca   268

gaaaaaaagg tgaaatatag agtgaagaag aagaaataga gggtttttggt gtttgaatcg   60

tgaaaatgtt cagaaaccag tacgacacgg acgtgacgac atggagcccg gcggggaggc   120

tgttccaggt ggagtacgcg atggaggcgg tgaagcaggg ctcggcggcg atagggctcc   180

gatccaagac ccacgtggtc ctcgcatgcg tcaacaaggc taactccgaa ctctcatcgc   240

accagaagaa gatcttcaag gtcga   265

ggaacacccc ccacgaagca ccaattatgg ctctgaatct ttgtatctca cctaagttta   60

aatgggttcc ttccttagat agtgcttcct attctttgag accttcactt gggtcttgtt 120

ttggtaacat aaacattgct agtgtgagtc taagtactac tagaagtttg agtttgagga 180

ggagtgggag tgttagtgta agatctagtt tagaaactgc ggggcccaca gtcacagtgg 240

gacaggtcac tgaggttaac aagg   264

<210>   2188
<211>   267
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964638H1

<400>   2188

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acttttcata gatggagagt ggaaagtccc tcttctcaac aatcggtttc cgatcatcaa 120

ccccgctact gaagacatca tagggcatat tccagccgct actaaggaag atgttgacct 180

tgcggtggat gctgctaaaa gagccttttc ccataacaaa ggcaaagatt ggtcttcagc 240

tcctggctct gttcgtgctc gctatct   267

<210>   2189
<211>   266
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964641H1

<400>   2189

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agcgttataa acctcgcatt agtgttccat actttcaatt gtaaccatta tccattttt   180

aatccatgca agcatccatc gatactttgc tagaaaattt gtttgtactt tgcaaacaca 240

aaattcactg acagaactgc aagcaa   266

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<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964642H1

<400>   2190

gcagaggcaa tggaggttca aagtctcagc tttgagaata acattttgtg ggttggctct   60

tttgtggagg ctttggtgct tgacactttc cttgccactg ccaaatctct tgcttgcttt   120

gtcatcttga ctggatctct ccttacggat gtcaataatt tagtgtcacc gatggtggat   180

ggaaggtttc ctttagacca actgtgcaag ggaaaacata cttttgaaga aaacaaggat   240

gctagtgata cagaggatga tga   263

<210>   2191
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964643H1

<400>   2191

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tggagctgag agaattctcc aaacatataa tggggctatt atgccgaatg gggggcagag   120

tttcaggttg aattgggcaa ctttttagtgc cggtgagagg tcgcgtcaag atgattctcc   180

tgattacacc atatttgttg gtgacttggc tgcagatgtt actgattatc ttcttcagga   240

gacattcagg gctcgttaca ac   262

<210>   2192
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<212>   DNA
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<223>   Clone ID: 700964645H1

<400>   2192

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taaagaagca tttgaaaagg ctcaatgctc ctaagcattg gatgcttgac aaactgggtg   120

gtgcatttgc gcctaaaccc tcatctggac cacacaaatc gagggagtgc ctccccctca   180

ttcttattct gcgaaaccgg ctgaagtatg ctctgacata ccgtgaagtc attgctattc   240

tgatgcagcg ccatgttctt gt   262

<210> 2193
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700964646H1

<400> 2193

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gtcgtcgatt ctatataaaa catattaggc actggctacc attttgaatt ctggttgagg   120

gattgaagtg tgattatagg tggaggagga tggcttgtag gggatgctgg gaatgccttt   180

tgaagctttt gaacttcata ttgactcttg ctggtctggc catggtgggc tacgggattt   240

atctgtttgt tgaatacaat aa   262

<210> 2194
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700964647H1

<400> 2194

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acatgtcgac tctgggaagt caactaccac tggtcatttg atctacaagc ttggaggtat   180

tgacaagcgt gtgattgaga ggttcgagaa ggaggctgct gagatgaaca agaggtcatt   240

caagtatgcc tgggtgcttg acaag   265

<210> 2195
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700964662H1

<400> 2195

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tttgttggag aattgcctta tggatctaac agtggtttca gcccaaaaat ggatcacctg   120

795

gtgtgtttcc tacctggtac acttgcaatt ggtgccacta aaggccttac aaagaaacag   180

gcaatggaaa acaatatgct taactttgaa gacctagaaa atttgaagct agcagaagat   240

ctgactaaaa catgctttga aa   262

<210>   2196
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964671H1

<400>   2196

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gacccagaaa tcaagaacct cgttagacac tacaacgtgc aagggattcc ctggttggtg   180

atcataggcc ctgatggtaa aacaataacc gtacatggca ggagtttgat aaacttgtac   240

caagaaaatg cgtacccttt ca   262

<210>   2197
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964682H1

<400>   2197

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gtggccaagt ttgaaccacc attacaaaag cattgaagga gggtgtacat gtaaaaaatg   120

taatataaaa tttgttgtga aagcgacctc tgaaaaatct tttgagtctg aacctcaagc   180

ttttgatcca aaaagcattt tggactctgt caagaattcc ttggatgctt ctacaggtt   240

ttccagacct cacacagtt   259

<210>   2198
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964689H1

796

<400>   2198

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aaatattggg ttgttttttc ttgtggtggt ggctactttt gtggtggcag ccacagctgg   180

tagcttttac caagactttg aaataacgtg gggtggtgag cgtgccaaaa tctatgagaa   240

tggaaacctt ctcaca   256

<210>   2199
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964692H1

<400>   2199

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ccttcatgtt agaggcttcc acatcacctt tgttaacaca gaatacaacc acaaacgcct   180

tctcaaatca agaggttctg attccctcaa tagtgtccca tcatttcaat ttgaaaccat   240

ccctgatggt ctctct   256

<210>   2200
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964714H1

<400>   2200

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agacgaagac ttcagcaccc aacttggctc ctccgcactg ggccaccaca tcgtgtccct   120

cacctccacc acctacggcc tcctcaccct cgaccctcct tccacgcctc cttcccgctt   180

tacccttgga tctctcttcc cctccgaacc agaggtcatc aactcatggg agctcatgtc   240

cggcctcgac accgacagct tccg   264

<210>   2201

797

<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700964720H1

<400> 2201

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caagagcttc tagcattgtg atgttgattg catatgttgt ctacattgtc tttcaactgt 120

ggacacacag ggagttattt gaagaagaag atgacggtaa agatggcgag gatggttcag 180

aagaacaagc tgtgattgga ttatggagtg gcattgcttg gttggttgga atgactgtat 240

tcattgctgt gttgtctgaa tatgt 265

<210> 2202
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700964727H1

<400> 2202

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ctgacctccg ctttctcatt cttctctctc tcttgtccat cacttccgcc aaggtcttct 120

tcgaggagcg tttcgatgac ggatggggaa atcgttgggt taaatcagat tggaaaaaag 180

atgagaacct ggctggggag tggaaccaca cctctggcca atggaatgga gacgctaacg 240

acaaaggtat tcaaaccagt 260

<210> 2203
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700964734H1

<400> 2203

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gccccttgtt ttgcatagag ctacttaaaa tgtcggaggg aaatgcggag agaggaaaga 120

gaattgccat tattggtgtc tcaaccttat tgttggtggc gatggttgtg gctgtcacag 180

ttggtgtcaa tgttagtgag aatggttcca acaatgagga cacaaaaatt gcttcttctg 240

taaaagccgt ccaaacccctt ttccat 266

<210> 2204
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700964741H1

<400> 2204

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ggctgctggc gtgggtttcc gcagtcacaa atctttgtta ataattcttt tgggtttttct 120

tggcttgttc tcctttacag ttgaagcaga cacaaagaaa taccaatttg atattcaagt 180

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agggtcaacg atttatgtg 259

<210> 2205
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700964745H1

<400> 2205

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tacaaaattg tatatcgtcg ctacgcctct ttgttttttcc tcgttggagt tgacgatgat 120

gagaatgagc tggctatttt ggaatttata catctcttgg ttgaaaccat ggatcgtcat 180

tttggcaatg tgtgcgagct agatattatg ttccatttag aaaaggcgca ttttatgttg 240

gaggaaatgg tcatgaa 257

<210> 2206
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700964746H1

<400> 2206

799

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ggcggctgag gcaccgcatc catctattaa tctcgagaga gcgaaagaaa aagagagaaa   120

aactggggaa gcgaaagaga ccgaaagcga aaggtagagt gagggagatg gagagttcgg   180

ggttaggtcc agtggattgc gacgttggat cgattgtttg ggttcgaaga aggaacggtt   240

cgtggtggcc gggtcaaat                                                259


<210>      2207
<211>      261
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964747H1

<400>      2207

ggtagctgca agagatgaaa aaattggcct gcaacatttt gtgcccataa ggccgttggg    60

ttgtggagac actggcagtg ttcatttggt ggagctcaaa ggtacgggtg aactatatgc   120

aatgaaggca atggaaaagt ccgtaatgct aaatcgtaat aaggttcacc gatcatgcat   180

tgagagagag attatatcat tattggatca tcctttctct ccaacactat acacctcatt   240

tcagactcct acacatgtat g                                             261


<210>      2208
<211>      260
<212>      DNA
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<223>      Clone ID: 700964752H1

<400>      2208

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attgattttg ttcggggatt cgatagttga cacaggaagt aacaataacc taataacggg   180

gcttaagtgc aattttcctc cttatgggag ggatttcgag ggtgggatac caacaggaag   240

attcagcaat ggcaaggtcc                                               260


<210>      2209
<211>      256
<212>      DNA
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<213> Glycine max

<223> Clone ID: 700964753H1

<400> 2209

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tgaaggaagt cgtatcattg tggaatttgc caagggggggt cctcgtggtt cccgggaaaa   120

cttgggtcgg ggtctacctc ctggatctgg acgatgcttt aactgtggca ttgatggtca   180

ttgggcccga gattgcaaag ctggggattg gaagaacaag tgttaccgtt gtggggaaag   240

aggtcatata gaaaag                                                    256
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<210> 2210
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700964754H1

<400> 2210

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cgccaatatg accaccgacg acgtcgtcag agcttctcgt cttctcgaca acgagattcg    60

catcctgcaa agaagagttg cagaggacca atttggagtt ggaatcgtac aaggacaaga   120

tcaaggagaa tcaggagaag attaagctca ataagcagtt gccctacctc gttgggaaca   180

tcgttgagat attggaaatg aacccagaag acgaagctga agaagatggt gccatattga   240

tcttgactca caaaggaagg                                                260
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<210> 2211
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700964757H1

<400> 2211

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ggttcagctg tgcctcaaat caggttgcgc aggttctgct aacactgcca tactctttct    60

ctcagctggg aatgctctct ggcatcatat tccaagtctt ctatggaata atgggaagtt   120

ggacagctta tctgattagc attctgtaca tcgagtacag gaccagaaaa gagaaagaga   180

gtgtcagctt caaaaaccat gtcattcagt ggtttgaagt gttggaaggt ttactgggtc   240
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catactggaa agccat   256

<210>   2212
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964759H1

<400>   2212

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attctcggaa tcgaagagaa gaataatcct gtgagcgagg acacttgtca gaaagtggtt   120

gaaaatctag cctcgtcttc tcctctcaag gatttgttct ataccttgtt aaggccattt   180

taaaatgcaa tgtcaatgga aacgttttca aggaaatgcc aactcttgtt gcagatggta   240

atgatgcact cactgg   256

<210>   2213
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964761H1

<400>   2213

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aagaagagaa gcaacaaatc aatctcacac ttagtgttgt tacgatggaa tcaccgttca   120

aaccagagat tctgaagggg aaggttgctc taatcactgg tggagcctcc ggaatcggat   180

tcgaaatttc cacccaattc ggtaaacatg gagcctctgt tgcgctcatg ggtcgccgca   240

aacaagtcct tcagtc   256

<210>   2214
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964766H1

<400>   2214

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acctcgcagc cggaatccgc cgcgacggcg gggcagcaaa acgacgacgt tcgtgctatg 120

gatcggaacc ggaccgagag caactctgaa gcggacgatt tggcggaata caaagcagat 180

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gccacgcccg ttgaccagct tc 262

<210>   2215
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964768H1

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gagcttctca aggaaatcgc cctccccaac ggccttcttc ccctcaagga catggaggag 180

tgcggctacg acagacaaac cggcttcgtc tggctcaaac aaaagaagag ttacacccac 240

aagttcgaca agatcggaa 259

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<223>   Clone ID: 700964775H1

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ttattcatca aaattcctct ttggtgtcct ctccctcggt caactccgtt tactataaat 180

atgaccactc ttttcttcct cttcttcaac ttcaatactc acctttgaat ggattctaat 240

tcttcttctc caag 254

<210>   2217
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<223>   Clone ID: 700964776H1

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aaacatcaat aaaggtgctt ggtccaagca agaagaccaa aagctcattg actacatcca   180

agtccatggt gaaggctgtt ggcgttccat tcctaaagct gctgggctgc atcgttgtgg   240

caaaagctgt aggat   255

<210>   2218
<211>   254
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<213>   Glycine max

<223>   Clone ID: 700964778H1

<400>   2218

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caatgtccgg tcccctcgat cgttttgcca gaccttgctt tgaggggttt tcgggcagtg   180

acgagaagaa ggagaggaga tctgacttcg agaactccga ggatgaaagg aggaccagaa   240

ttggatctct caaa   254

<210>   2219
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964780H1

<400>   2219

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ttctcgatct ccgtcccggt ctcggaattg gacccttctc cctcgggatg cctatatgtg   180

aagcatttgc tcagatagag cagcaaccta acatatacga tgtggtgcat gtcaagtatt   240

ttgatgagga accccctgaag   260

804

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<212>   DNA
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<223>   Clone ID: 700964784H1

<400>   2220

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cttcctacta aagacgggat ttgctcgtcg gggcagaaag ctgttgtttc tggcaacaaa   180

agaggttttg ctgataccat ggatgggttt tctcagggga agtttgctgg taatacaggg   240

atgaacgcgg tgctat   256

<210>   2221
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<223>   Clone ID: 700964788H1

<400>   2221

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ccaagccaat tagtattcaa aagagtttgg tatactcatt ctaactaaa acatgattgt   180

cctttttaaag acagagagat tagtcatatt acatattacg tt   222

<210>   2222
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<223>   Clone ID: 700964791H1

<400>   2222

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cagcctgctc gcgagacgga tctgagagtg ttcggagttg tgctctacta ttctctcttt   180

805

atcataacat ttttggttta accaatgtta cttccaatat aagtgcagct gtgggtgctg   240

ttgtaatgct g   251


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<212>      DNA
<213>.     Glycine max

<223>      unsure at all n locations
<223>      Clone ID: 700964889H1

<400>      2223
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cctcaaatcc tccgtcgctg cattgagcca aatcagtgan aatganaana atggattcac   180

aagcctcgtt gctcgttacc tcagtggcga anaccagcat gttgagtgga ggtgttgaag   240

ctcaat   246


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<211>      267
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964905H1

<400>      2224
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atgttcttga ccaagttgtc attgttgctt aaagggacag ttgttgcacc tcctgataag   120

tttggtgaaa cactgcaaga cgaacgaatt aatggaggtg catttattgg tgctgatggt   180

gttcagttcc ctcacaagct aatacctaat gcagggatgc gtctttatgg tggtgcacaa   240

tatcatcggg caatggctga atttcgt   267


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<210>      2225
<211>      268
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964907H1

<400>      2225
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806

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aaacactatc aaagcagcgg ttgagaaaga atgccccttc acagtgtcat gcgctgacat   120

tgttgctctt tctgccagag atgccattgc tttgttggga ggaccaagca ttgaaatgaa   180

gacagggaga aaggacagca aagaaagcta tgcaatggag gtggaagact tgattccaaa   240

ccacaatgat tccatgtcct cagtgctg                                      268


<210>      2226
<211>      272
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964911H1

<400>      2226

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ggatgtgtcg ttgggagcga acaagttccc cgagagacag ccgattggga cggcggcgca   120

gagccaagac gacggcaagg actaccagga gccggcgccg gcgccgctgg ttgacccgac   180

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gtttctctac atcaccgtct taaccgttat gg                                 272


<210>      2227
<211>      276
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700964913H1

<400>      2227

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atatttttat cactagaaaa atcaaacaaa taaaattttc attttcattt tcttttcttt   120

tctcgctctt gttttttcgg ggaaattgat ttcaccgtaa taggagccaa gaaaaacaaa   180

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<210>      2228
<211>      269
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807

<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: 700964918H1

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agtatgagag tcacactgcc ttcacccttc caggacttta ccgtgttgtt cacggtattg   120

atccatttga tccaaagttc aacattgtct ctcccggtgc agacatgggt atatacttcc   180

catacactga aactgagcgt aggttaacag aattccactc tgacattgaa ncgcttcttt   240

acagctcagt ggagaatgag gaacacata   269

<210>   2229
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<212>   DNA
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<223>   Clone ID: 700964919H1

<400>   2229

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ttgcaaaacg aaggaacggg cttttgaaga aagcttatga gctttccgtt ctgtgtgatg   120

ccgaggttgc tctcatcatc ttctccaata gaggaaagca gtacgagttt tgcagcggtt   180

caagcatgct caaaacgctg gagaggtacc agaaatgcaa ctatggagcg cctgaggac   239

<210>   2230
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<213>   Glycine max

<223>   Clone ID: 700964920H1

<400>   2230

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tggagggagt tttctacaag aacctgtcac ggggttggtt acaatgaagt ttcctgatga   120

tttacggtag caaatcaaac ccccggatgc cgcaactggc acgcaatctt ggttagattc   180

ttcttgcaga agagggggggt gatttagcct cttccaagtg ctttcagcag agtcaaggat   240

aacagattgg ttaaggttgg gagcaa   266

<210>   2231
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964927H1

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tgggcagaaa attcttcgtc ggtggcaact ggaaatgcaa tgggaccact gaggaggtaa 120

agaagattgt tactactttg aatgaggcta aagtccctgg agaagatgtc gtagaagttg 180

ttgtgagccc tccttttgtg ttccttcctg ttgtaaaaag tttgctgcgc cctgatttcc 240

atgtttcggc acaaaactgt tgggttcgca   .   270

<210>   2232
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964950H1

<400>   2232

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tgagatgtaa aaatattgta ttttttaata ttgctgcgaa actctatact ttgagtagtt 180

tgccttgtgt taattttaag tattgtgtgc gatcatattg gattataata atttcaggtc 240

aggatcagtt tgtcttgatg tta   263

<210>   2233
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<213>   Glycine max

<223>   Clone ID: 700964957H1

<400>   2233

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ataattggtg gctcgatagg cccaacaaca attgctaaga taggtattga ttatgaaaat   120

ggtggaacat cctaatatag tcaatctcat tgaggtgatt gatgatccag agtcggatga   180

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ttgtgcatta ggtgaagaga ctg   263

<210>   2234
<211>   259
<212>   DNA
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<223>   Clone ID: 700964972H1

<400>   2234

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catcatcttc aagaatgtcc acaaaaacat tctcgggact cggaaacctc gtcaagctcc   120

ttcccaccgg cactgtcttt ctgttccagt tcctcatccc tgtcgtaacc aacagcggac   180

actgcaccac tcttcacaag tacctcactg gctctttcct tgtcgtatgc gcattcaact   240

gcgccttcgc ctccttcac   259

<210>   2235
<211>   262
<212>   DNA
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<223>   Clone ID: 700964975H1

<400>   2235

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cgccgccgat gacgcgctcc gccaccgcgt ttctcccctc ggcgccgatg tctacgcgg   180

tgatctccga tccagggatc gtggacaacc ccgacatccc gagctaccaa ccgcacgtgt   240

acggaaggtg tgatcctcca gc   262

<210>   2236
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964986H1

<400>   2236

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ctctgtaaac atgttggttt accaggacct ccttacaggt gatgagcttc tctctgactc   120

cttccgttac aaggaaattg agaatggaat gctgtgggaa gttgagggga agtgggttgt   180

taaaggagca gttgatgtag acattggtgc aaacccttct gctgagggtg gaggagaaga   240

tgagggagtt gatgat   256

<210>   2237
<211>   265
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700964993H1

<400>   2237

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aaaacaagaa gaaaaacaca gcaatggagg gtgggaacaa cagcagcatc aacagcaacc   120

ctgaggagtt ggcggtgggg tgcttgcttt cgatcaggac aacgttgggc gacgaattcg   180

aaggccaggt cgtgaccttc gatcgcccct ccaacatcct cgtactccag gagccttcca   240

aacctagccc tcgtcgaaac cttag   265

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<211>   202
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965007H1

<400>   2238

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tgccaacaag tttcgtgtac agtcagtcta atgttgcatt ttgctcttct atctctagtt   120

tctcttcaaa ttcaatgcct gtaaatgact tttaagtgtg agactcacag caatgccggt   180

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<210>   2239

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<211>      244
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965022H1

<400>      2239

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atatggacgg tgttgttttg ttttgcatcg gttttcgcga tcgtttctgc agaacgaagc   120

attgtgaaaa tggaagtgcc gagattcaat gtcaccagcc gagagcctca acagagtttc   180

ctcaccaaag ctttgaattt cttatggcaa tctggagaat cagggtacca acacgtgtgg   240

ccgg                                                               244


<210>      2240
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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965033H1

<400>      2240

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cttaagtcta gggcagagtt tctacaatgc cttagacaca caatttcgcc               110


<210>      2241
<211>      240
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965039H1

<400>      2241

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gcgatggtgt gccttgttaa ggtttcgtct gatccaaaga gagaagaaga aatactggaa   180

gaagaactac attttcccga taacgagcca cttattgtga gagacgggaa cagaaggcta   240


<210>      2242
<211>      240
<212>      DNA
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<213>   Glycine max

<223>   Clone ID: 700965040H1

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cccttttccag taataatttc tccaatcaat cttgtataca ctcttgttta tcatatgatg   120

gacctcctat agagtattat gagattgttg aggaagaggc tgagattgag gaagagcgga   180

cactgaatga tatcagtaga ccactccttg tagaagctga gtggcctgac attgagcaga   240

<210>   2243
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965041H1

<400>   2243

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agcaaatttg actttgaccc tcttgatgtt actaagactt ggcctgagga cattataccc   180

ttgcagcctg ttggtcgctt ggtcctgaat aaaaacatag ataatttctt tgctgagaa   239

<210>   2244
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965052H1

<400>   2244

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cgcttcggtg ccgctcagaa tttgcagagc actctcaaca ctgaggatga cttgggtacc   180

acctcacttg ggatcctgta tttgtctttc acattcttct ccgtggttgc ttctttggtg   240

<210>   2245
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<212>   DNA

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tcacttctct tccctttgac cattcaacct tcctcgcctt tgcctccgtt tccgtgactg   120

gatggctgga ggtgttattc agcagatatt gaggaggaaa ctccaccctc ggtttactaa   180

ctctcccttg ttgtcaccca tcgtagcaaa aaaagatgat gctggctcta ctggcag   237

cgggactttc actagccgca gcagcctcag gaggagaata aggatgtctc acaggaagtt   60

cgagcaccca aggcacgggt cactgggatt tctccccagg aagcgtgctg ctcgtcacag   120

ggaaaagtga aggcattccc caaggatgac ccatccaagg cacccaagct cactgcattc   180

ttgggttaca aggctggtat gactcacatt gttagagagg tcgagaagcc aggatcaa   238

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ctcttaaaaa gaaggagggg gaaggggcat ctggtcctca agctattgcg ttgcttgcca   120

ctctaatcat aataatgaga ctgatgatca aaaccctaca gctggagagt cacgagaaaa   180

caaggtggtc ttcacagaga tggaagaatt tgtctggggt ctccacattg atgaaga   237

814

<213>   Glycine max

<223>   Clone ID: 700965103H1

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tgttagctca agcgaacaac aaatgcagta gcaggaagca cgtgtgttgg agatcatcca   120

cgacgccgtt tcatctgcag cggaagccga tctcatggtc tgtgttgtgc ggtttcatgc   180

tatttgggtt gggcctcatt tctctcttga cgggccacat ggtctctgat ctcgaatggt   240

actctcaccg tcgctctctc tactct   266

<210>   2249
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965106H1

<400>   2249

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gggtggcgca gaacccaacg acgtcgttac gcccttttcc cacagagaag aacctcacaa   120

ttcccaaccc ctcaccggcg acggtgccag tcccggaaag atatttatag gtggtttagc   180

gagagaaacg accattgccc aatttatcaa gcactttggt aagtatggtg agatcacgga   240

ttcagttatc atgaaggaca gga   263

<210>   2250
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965115H1

<400>   2250

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ttactgacat taacattgct gttgaatcag gagaatttga cactgagggg ctcttggcta   120

aggcaaagtt tcatgtcagc tacaacggta aagcaatcag caagcctctc cagcaggttc   180

ttgctaacag cttgagatat ttcttgaggc gtccgacaac tgaggaatct agtttttgag   240

tggcacttca tggaaagtag tgca   264

tttacctaac cctacaattc gccgatcctt ccagttgggg tttttcgctt tcagcgaaga   60

gcggtgtata tagaaaccct attccccta tgcaccaggg gaattgaata tagaaataag   120

aaaaaggcaa aaaaaaaga ggttgaaaaa gttgtatgtt aaataggtaa ttctgttgtt   180

tttcgtgttt ctggactcag gagctgagct gtttccaggg aaaagcatgt acagtatgaa   240

ctctaaatgc agtgctgggg attgc   265

gctgagaggg ttgttgtttc tacaaagagc ccaagatcag ataagcaata tgtgtgggaa   60

gcagaagctg acagtagctc ttatgtgata aaagaagaaa ctgatcctga aaaggttctg   120

cgtcgtggta cacagattac actctattta agagaggatg acaagtatga attctcagag   180

ccaagcagga ttcagggttt ggtgaagaat tactcacagt ttgtttcctt ccccatctac   240

acatggcaag aaaagtcaag aactg   265

agctgaatga gagaattgct aaattgtctg gtggtgtggc tgtgatacag gttggcgcac   60

aaactgagac agagctcaag gaaaagaaat tgagagttga agacgctctt aatgctacaa   120

aggcagctgt agaggaaggt attgttgttg gtggtggttg cactcttctg agacttgcat   180

caaaggtgga tgcaatcaag gatagccttg ataatgatga agaaaaagtt ggagctgata   240

ttgtgaaaag agctcttagt taccc   265

<210>   2254
<211>   267
<212>   DNA
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<223>   Clone ID: 700965134H1

<400>   2254

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ggttgtacat cagttattct tgcccctatg cacaacgtgt gtggatcgct aggaactaca   180

aggggctaca agataagatc aatttggtcc ctattaacct tcaagacagg ccagcttggt   240

ataaggagaa agtctaccct gaaaata   267

<210>   2255
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965138H1

<400>   2255

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gaaatgcagt tctaattatg aagcgatgca gaaaaacctg ctatttgtag aaaataacga   120

gggactgtta accatagggc ttggacaagg aaagcttaag actcatcgaa caggtttttaa   180

accctacaaa agatgttcca tggaggccaa ggaaaatagg gttggagcaa gcagcaatca   240

aggtgaagag caaggttgta a   261

<210>   2256
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<213>   Glycine max

<223>   Clone ID: 700965141H1

<400>   2256

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gacgctcatt tcttcgatct tgttcatgtg ctgtattccc gtaacttggg aaaccgaaaa   180

tttgtggaca gcaatgctga gggatcttat gagggaagct ccgccaaag atggcttata   240

ttcgtctctg tggtgctcca g   261

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<223>   Clone ID: 700965142H1

<400>   2257

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gaggttaggg ttagggattt ggagaggaag attggagttc tggagactaa ggaaattgag   180

gaaagaaaca agagaattag gtttgaggag gagactaggg ataagattga tgaaaaggag   240

agggaaatta agggttaca   259

<210>   2258
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<213>   Glycine max

<223>   Clone ID: 700965146H1

<400>   2258

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tacagcctct ggctcctcct ccggtgaaag agggtgagaa gaggagttag caagcaattt   120

ttgtttcttt tgggagttgg dacccctcac tcacatggac gcatcaacgg ctttaatgat   180

cctatccgca atagcggcct atttaatatg gttcaccttc gtcactcgct ccctaaaagg   240

tccacgtgtc tggcccctat tcg   263

<210> 2259
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700965147H1

<400> 2259

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tagattttgc ctcaccctcc tcggcttctt cgccttctaa gtttccagtg tctcctatga   120

agagttgttc ttcctctcct tgcctgaatt ccattaaaat gctacctcca aaccctgaat   180

ctttgctcct caaaaaaggg gtggataaaa aggcttcctc atcatcctca cccgtgaaat   240

ttgcaagttc cgtcagttca ccca   264

<210> 2260
<211> 266
<212> DNA
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<223> Clone ID: 700965148H1

<400> 2260

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atcgcctaca acaagctcac cgacaacggc gctgccaccc ctgccggcct catctccgcc   180

tccatcgccc atgcattcgc cctcttcgtc gccgtctccg tcggcgccaa catctccggc   240

ggccacgtca accccgccgt cacctt   266

<210> 2261
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<212> DNA
<213> Glycine max

<223> Clone ID: 700965149H1

<400> 2261

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tgataacact cggaggtata ttgggatttt ttccaatgca attgatgaac tcatgccgga   120

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gcccactgag gacttcacag atgatgatca tgacatattg atgactcaga gatctgatga    180

aggagtagaa ggcaccgacg gttccgatcc acgtcagaag atgcctcctg aaatcaagcg    240

ttactatgaa ctttatatta aagcatctt                                       269
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<210>   2262
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965162H1

<400>   2262

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acaagtatga gagctctgag gttgaggtcc aggatcgtgg tgtttttgac tttctcggta    120

agaaaaagga tgaagaagac aagcctcatc ctcaggagga ggtcatcgcc accgagtttc    180

aaaaagtcac tgtctcagac caaggagaga acaagcacag cctcttagaa aagcttcacc    240

gatctgacag cagctctagc tctt                                           264
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<210>   2263
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965163H1

<400>   2263

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cctaggaacc gcatcaattc ctcttccatc acatgaagct ctcacctcca tccttattga    120

tgcctttgag gttggctaca gacactttga tactgcttct ctgtatgaaa gtgaggagtc    180

tctaggcaaa gctgtggcaa aggccttaga gctaggcctc ataaatagca gagaggaatt    240

attcatcaca tcaaaactat ggtcc                                          265
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<210>   2264
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965174H1

<400> 2264

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gcttgccaat gatgctgtaa agccaaagca tccgtgattg aagaggccac actagcttga   120

tcaagatttc atgatgtacc atcttgaggt agcaaattag ttcaaatggt aggggaatta   180

gagtgattca aacaaaatat taagatatat ggctgtaact gtatctttga ttattttcat   240

caggttagtt tccatag                                                  257
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<210>   2265
<211>   259
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965176H1

<400>   2265

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tacagagcaa ggtgaatact ccgcgaagga ttaccatgac ccacctccgg cgccgttgat   120

cgacccagat gagctcacta agtggtcctt gtacagagcc gccatagctg agttcatagc   180

aacactcctt ttcctttaca tcaccgtgtt gaccattatt ggctacaaga gacagagtga   240

caccaaaatc cccggtaac                                                259
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<210>   2266
<211>   263
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965182H1

<400>   2266

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cctgctgctt gttttgaatt atgtgttggt tgcagaagga gaaacagctg atggagattt   120

gaccacattt ttgtctctta taaatacctg ggagaacacc cctcctaatt gggtgggttc   180

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attatcaagc accggtttgg ctg                                           263
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<210>   2267
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<211>      259
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965191H1

<400>      2267

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gaggaggtag cccccaagaa agacgacgga cccatccctg tcgtttacaa actcgacttg     180

cattgcgagg gatgcgtcaa gaagatcaaa cgcacctgtc gccacttcga aggtgtggaa     240

accgttaagg cggatctat                                                  259


<210>      2268
<211>      251
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965209H1

<400>      2268

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ttcctctttc agctttgttg tcaccaatgc ctcttcttct cgcttttcca tgagtgctga     180

ctggatgcct ggccagccta gacccccta ccttgatggt tcagcacctg gtgactttgg     240

attcgaccct c                                                          251


<210>      2269
<211>      248
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700965210H1

<400>      2269

ggctgcagat atccaaacct taaattcggt cctcgaatct ttctgatcat tggttgtttt      60

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gcagcagatt tgggttctga cccaattatt cattttcccc aactgggtct tgtggatttt     180
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822

ttgttggggt tttaaatttc gtgttgctgg gtttgaaagt tatttccttt cttccccgtc   240

tggattca   248

<210>   2270
<211>   249
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965249H1

<400>   2270

caactactac aagtacttcc ttacaatcaa aaccaacaac aactatggca agttatcaaa   60

agcactacga tgatcagggt cgcaaggttg acgagtatgg caacgttgag aagcaaaccg   120

acgaatacgg caaccctgtt catgctgcta gtgtcaccta tgtagccacc agaactgctg   180

ctggtggtta cagtgatgac attaataagc aacatgatac caccaatgcc tacggcgtag   240

acactggta   249

<210>   2271
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965251H1

<400>   2271

aaaatggcca aatcaatcaa attctttgag ttgaacacag gggccaagat tccttctctt   60

gggttaggga cttggcaagc tgaacctggt gttgtagctg aagctctcac cacagccatt   120

cagttggata caggcatatt gactgtgcta gtgcgtataa gaatcaagca gagattggtt   180

ctgctcttaa gaagcttttt gatgatggtg tggtgaagcg tgaggactta tggatcactt   240

cca   243

<210>   2272
<211>   98
<212>   DNA
<213>   Glycine max

<223>.   unsure at all n locations
<223>   Clone ID: 700965266H1

<400>   2272

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ttcacacaat tcctanncta ntgnncnacc atnatnnc   98

<210>   2273
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965273H1

<400>   2273

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acatatggaa gaacgtcccc cagggagcag ccacgacatg ctatgttgct ctccacccaa   180

gcgtgaaagg tgtaactggg aagtactttg tggattgcaa tcaatgcaaa ccaagttcac   240

acg   243

<210>   2274
<211>   240
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965275H1

<400>   2274

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attgtgatgg aatatgtttc aggaggacag ctattagaca agatatccta tggagagaag   120

tgaatgcatg tgaggcaaga aaactattcc agcaacttat tgatgccctg aaatactgcc   180

ataacaaagg ggtttatcat cgagatctca agccagaaaa cttgcttctt gacagcaagg   240

<210>   2275
<211>   241
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965277H1

<400>   2275

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gtccaaattt gagattggct ctatggcctt ctgcagacgc cgctcggaaa ggcataatgg 180

atatatggga tcaagctgat gtcataaaga taagtgagga tgagattaca tttttgactg 240

g   241

<210>   2276
<211>   244
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965279H1

<400>   2276

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cgtgaaaacc ttggtcgcaa aaccatggct gaagaagatt cagcaagcaa gacccctcat 180

ttccgtggtt aacaaggctg cctctctatc ttcccccgtg acagcaccca gcgtcggcgt 240

tcgg   244

<210>   2277
<211>   243
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965282H1

<400>   2277

cgtgactaga cactcatctc actcgcgcca tcttagggtt tctccttttg tttcgcaaca   60

tggttgccgc taagaaaact aagaagaccc atgagagcat caacaacagg ctcgctcttg 120

tcatgaagag tggcaaattc accctcggtt acaagaccgt tctcaaatct cttaggaact 180

ccaaaggaaa attgattatc attgctaaca actgcccccc tttgagaaag tcagagattg 240

aat   243

<210>   2278
<211>   235
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700953892H1

<400>   2278

cccaaagacc cactaatagt aacaattatg ctccaaagac caattcctct caaattggtc   60

atcataagaa caataccacc aacagcaaca tcccagtgat tgacatgaag cacatctacg   120

gtggtgacga gggaaagagg gctgagacgc tccggctcgt gtcggaggcg tgccaagaat   180

ggggtttttt ccaggtggtg aaccatggag tgagccatga gttgatgaag ggggc   235

<210>   2279
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959272H1

<400>   2279

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gaacggatca gatggtgtga gtttggcaag aaatacatcc aacaacgccc gtcgagggtt   120

gccaatgatc caaacaaaca tgaagccaac ggattcggaa ttccaagtgt gccacgacga   180

cagcacccccg ccggtcagag cccaaaccat tcacgagctc cattctctgc agaagaaaaa   240

gtcaaccccct tccac   255

<210>   2280
<211>   232
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961793H1

<400>   2280

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agagaacgga tcagatggtg tgagtttggc aagaaataca tccaacaacg cccgtcgagg   120

gttgccaatg atccaaacaa acatgaagcc aacggattcg gaattccaag tgtgccacga   180

cgacagcacc ccgccggtca tagcccatac cattcacgag ctccattctc tg   232

<210>   2281
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961324H1

<400>   2281

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gttttggccc tctccaatcc aacttcacag tctgagtgta cagctgaaga ggcttacgaa   120

tggagtgagg gtcgtgcgat tttcgctagt ggaagtccat ttgatcctgt agaatacaag   180

ggcaaagtgt actattctgg ccaggccaac aatgcataca tcttccccgg ctttggtctt   240

ggg   243

<210>   2282
<211>   234
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700905407H1

<400>   2282

tgagaaatta ctaaatgatg agttttacat tgggcttaga caaaagaggg caactgggca   60

ggaatattct gaacttttgc acgagttcat gactgctgtc aagcaaaact acggagaaaa   120

agttcttgtt cagtttgaag attttgcaaa ccacaatgct tttgagttgc ttgcaaaata   180

tggcacaact catcttgttt caacgatga tattcagggg actgcatctg ttgt   234

<210>   2283
<211>   255
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956234H1

<400>   2283

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atgcacgaat ttatgacagc agtcaagcat actctatggg gataaagttc taattcagtt   180

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ggtctttaat gatga   255

827

<210>   2284
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700965158H1

<400>   2284

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gcttcacaaa accttcaaac ccaattccac agaattcttc tgcttcacca tgccaccaaa   120

gcctttagac tatgggtcaa taaatgaaaa cgtgaagaag agtcaatatg ctgtcagagg   180

tgaattatac cttcgagctt ctgaacttca gaaagagggc aaaaagatta tctttactaa   240

tgttggcaac ccgcatgcat t   261

<210>   2285
<211>   227
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961520H1

<400>   2285

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atcctgatga cattttcatg actgatggtg caagccctgc tgtccataat atgatgcaat   180

tactcattag atcagaaaat gatggtattc tgtgtcccat tccacac   227

<210>   2286
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700956467H1

<400>   2286

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ggaagtggct gagttcatac tcaggcgtga tggttatcca actgatccag aactcatata   120

tctcactgat ggtgccagca aggggtgat gcagatatta aatactatca tcagaggtca   180

agacgatggg attttggttc cagtcccaca atacccactc tactcagcaa caattgctct 240

gcttggtggt acccttgttc   260

<210>   2287
<211>   164
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700959696H1

<400>   2287

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gtactcagcc tcaattgccc tccatggtgg ctgcctggta ccttattatc tagatgaagc 120

aactggctgg gggttggaaa tacctgaact caagaagcaa ttgg   164

<210>   2288
<211>   233
<212>   DNA
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<223>   Clone ID: 700958391H1

<400>   2288

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cagaactctt actgtgaatg gattttctaa ggcctttgca atgactggtt ggcggcttgg 180

atatattgct ggtccaaaac attttgttgc agcatgtgga aagatccaaa gtc   233

<210>   2289
<211>   271
<212>   DNA
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<223>   Clone ID: 700954813H1

<400>   2289

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tctcggagtt tccgaggcgt ttaaggcaga caatagtgat gtcaagctca atcttggagt 180

tggggcatac agaacagaag aactacagcc atatgtgctt atgttgttaa gaaggtcttt 240

gttccgtatt ttatgtgtct tctgtgattt g   271

<210>   2290
<211>   254
<212>   DNA
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<223>   Clone ID: 700953963H1

<400>   2290

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tccacagagg acccaattcc ttctctagtt caaggtctag aggtcggatc tctatggctg   180

ttgcagttaa cgtttctcgg tttgaaggca tacctatggc gcctcctgat ccaattctag   240

gagtttctga ggca   254

<210>   2291
<211>   261
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700955412H1

<400>   2291

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cctatcctcg gggtactgtt gcttataaca aagatccaag tccagttaag ctcaacttgg   180

gagttggtgc ttaccgaact gaggaaggaa aacctcttgt tttgaatgta gtgaggcgag   240

ttgagcagca actcataaat g   261

<210>   2292
<211>   268
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700909477H1

<400>   2292

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tcaccggcca attcctccgc cgcagctccg tcgccggagc aaggctcatg tcttcttcgt   120

cctcatggtt ccggagcatc gagcccgctc ccaaggatcc tatcctcgga gtcactgaag   180

ctttcctcgc cgatcagagt ccaaacaaag tcaacgtcgg agtgggtgcg tatcgcgatg   240

accacggaaa acctgtggtt ttggaatg   268

<210>   2293
<211>   249
<212>   DNA
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<223>   Clone ID: 700964436H1

<400>   2293

gggaaatcat attgttaatg ttttctcatt ctcaaaagca tttggaatga tgggatggcg   60

ggttggatat atagcatatc cctctgaagt aaaagacttt gctgaacaac ttctcaaagt   120

tcaagacaac attcccatct gtgcttcaat attatcacag tatcttgccc tgtattcatt   180

ggaagtgggg cctcaatggg ttgtagatca ggtaaaaact cttgaaaaga acagagaaat   240

tgttttaga   249

<210>   2294
<211>   250
<212>   DNA
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<223>   Clone ID: 700962862H1

<400>   2294

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ggggatcaat tgaggaacaa atatgaagaa actaggaaac tcctacttca ggtggctgga   180

cacaaggaaa ttcttgaagg ggacccttac ttgaagcaaa gactcaggct tcgtcatgct   240

cccattacca   250

<210>   2295
<211>   262

<212> DNA
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<223> Clone ID: 700962754H1

<400> 2295

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gatccgaaaa ttgccgctct gaatgataga ctccttgtgt caaaggatct gtggccgttt   120

ggggatcaat tgaggaacaa atatgcagaa actaggaaac tcctacttca ggtggctgga   180

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<223> Clone ID: 700955462H1

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tcttactgct catctactca atcaattcgt agatctttgc ttcaaaagca tggacggata   180

aggaattgtt tatctcaatt gtatgccaaa gacattactc ctgatgataa gcaggagctt   240

gatgaggctc tacaaaggga g   261

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<213> Glycine max

<223> Clone ID: 700959358H1

<400> 2297

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atctgagttt ttgtcttctc tttggttcca cttttatttt ctgtttcctt tatcagaaat   180

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832

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<223>   Clone ID: 700963637H1

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acagctgagt ttcttccacc aaaagcaggt acgttctgga ggaacagcaa caggggcaac   180

agcagcagca gaagaagcta tgtgataaca tgtgcagcag gtgactcaca gacagtggtg   240

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<223>   Clone ID: 700959747H1

<400>   2299

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ttaccactct ttggatagaa ctggcagaaa ggagaagggt gtcactgccc ttgaccctag   180

agccaatgat tttgatctca tgtatgaaca agttaaagct cttaaggatg gaattgctgt   240

tgaaaaacca atctacaacc atgtc   265

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<223>   Clone ID: 700961206H1

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ccgccaagga aaactcaaag acatcgtcgg catccccacc tccaccaaaa cccacgacca 180

ggccctctcc ctcggcatcc ccctctccga tctcgactcc caccccaccg tcgatctcgc 240

catcgacggc gccgacgagg tcgat 265

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<223>   Clone ID: 700951860H1

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gaattcctca caaaagcaac accagataag gggttgatca ggttgttggt gtccatggga 180

gaagcattaa gaacaatttc cttcaaagtg aagacggctt cttgtggtgg aacacaatgt 240

gttaatactt tggggacgag ca 262

<210>   2302
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<212>   DNA
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<223>   Clone ID: 700909473H1

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atttagagaa gctgctaggg gtgttacgaa acgaattggt aggtctgcat gaattggcag 180

ctaaagtgga tgaatatgct cgtggtatga tgggtcctct aggtgctact cttttttgaag 240

agcttgggtt gtactacata ggcccagt 268

<210>   2303
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<223>   Clone ID: 700962626H1

<400>   2303

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ctagggaagc ttattgcttt atatgatgac aaccacattt ccattgatgg ggacactgag   180

attgcattca ctgagaatgt tgatcaacgt tttgaggcac ttgggtggca tgtaatttgg   240

gtgaa   245

<210>   2304
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<223>   Clone ID: 700907766H1

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tgccaaggga gttcctaaac gaattggagg tcctatgcat gaattggctg caaaagttga   180

cgagtatgct cgtggcatga tcagtggttc tggatcatca ctttttgaag agcttggact   240

<210>   2305
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<223>   Clone ID: 700954594H1

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acactcgacc aaaccaccga ggtttctctg gtggagaaat ccgtcaacac cattcggttt   180

ttggccattg atgcagttga gaaggccaac tctggtcacc ctggtctccc catggggtgt   240

gctccaatgg gtcacattct ctacgatgag ataatgaggt acaatcctaa gaaccccgtt   300

ggttcaac   308

835

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<213> Glycine max

<223> Clone ID: 700906586H1

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aacttggact tcagggatgt gacttcacaa aggatgtcaa caaagcaata atgatcagtg   120

atgcaatgga aacgggaaca gttcagataa attccgcccc ggctcgtggg ccagatcatt   180

ttcccttcca gggtataaag acagtggca ttggatctca agggattacc aacagcataa   240

acatga   246

<210> 2307
<211> 247
<212> DNA
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<223> Clone ID: 700956280H1

<400> 2307

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caaccccact accagaaaga ctcaatacaa agttcaagct tgttcacaag aggaggttaa   180

caaggtcatg gacttggcaa aatctgccca aaagttatgg gcaaagaccc cactatggaa   240

acgtgct   247

<210> 2308
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700957466H1

<400> 2308

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ccagaaagac tcaatacaaa gttcaagctt gttcacaaga ggaggttaat aaggtcatgg   180

acttagcaaa atctgcacaa aagttatggg caaagacccc actatggaaa cgtgctgcgt   240

cttcacaaag cagt   254

<210>   2309
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<223>   Clone ID: 700957672H1

<400>   2309

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gaaaagtgtt tccatcatca accccactac cagaaagact caatacaaag ttcaagcttg   180

ttcacaagag gaggttaata aggtcatgga cttagcaaaa tctgcacaaa agttatggg   239

<210>   2310
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<213>   Glycine max

<223>   Clone ID: 700962678H1

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cttcttcaca aggcagctgc tatccttaaa gagcacaaag caccaattgc agagtgcctg   120

gtgaaagaaa tagcaaagcc agccaaagat gctgttacag aggttgtaag atctggggat   180

ctggtttctt atactgctga agaaggtgta aggattctgg gagagggaaa gttcttgg   238

<210>   2311
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<213>   Glycine max

<223>   Clone ID: 700957692H1

<400>   2311

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gcaaggtcaa gatcggaatc aacggatttg gaagaattgg ccgtttggtg gccagggtgg 120

ctctgcagag agacgatgtt gaactcgttg ccgttaacg   159

<210>   2312
<211>   253
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<213>   Glycine max

<223>   Clone ID: 700961292H1

<400>   2312

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catgagaatt gcatgggaag agccatttgg accggtttta ccagtaatta ggatcaattc 180

agttgaagaa ggaatccatc attgtaatgc tagcaacttt ggacttcagg gatgtgtctt 240

cacaaaggat gtc   253

<210>   2313
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<223>   Clone ID: 700963585H1

<400>   2313

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aagatgcctg cattgtactt gaagatgctg acctggattt ggttgctgca acattataa   120

agggaggttt ttcatacagt ggtcagagat gcactgctgt taaggttgtc ctggtaatgg 180

agtccgctgc tgatgctttg gttgagaaag tgaaggctaa ggtggcaaaa ctaactgttg 240

gaccaccaga ggatgactgt gatatcacc   269

<210>   2314
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<223>   Clone ID: 700764629H1

<400>   2314

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ggttgtgtca gaatcatccg ccaatttcat tgaaggcctg gtcttggatg ctaaggagaa   120

aggagcaaca ttctgtcagg agtacaaa                                       148


<210>       2315
<211>       121
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<223>       Clone ID: 700961412H1

<400>       2315

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agagagacga tgttgaactc gttgccgtta acgatccttt cattaccacc gattacatga   120

c                                                                    121


<210>       2316
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<223>       Clone ID: 700908925H1

<400>       2316

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<210>       2317
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<223>       Clone ID: 700956948H1

<400>       2317

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gaattggccg tttggttgcc agagtcgctc tgcaaagaga cgatgtggag ctcgttgccg   180
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<223>   Clone ID: 700958014H1

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tgccagagtc gctctgcaaa gagacgatgt ggagctcgtt gccgttaagg gccctgtcat 180

taccaccgat tacatgacat acatgattgg atacgtcagt gttcacggac actggaagca 240

tcac   244

<210>   2319
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<212>   DNA
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<223>   Clone ID: 700903658H1

<400>   2319

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cgctctgcaa agagacgatg tggagctcgt tgccgttaac gacccttttca ttaccaccga 180

ttacatgaca tacatgttta aatacgacag tgttcacgg   219

<210>   2320
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<223>   Clone ID: 700961862H1

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ggatttggaa gaattggccg tttggttgcc agagtcgctc tgcaaagaga cgatgttgaa   180

ctcgttgccg ttaacgaccc tttcattacc accgattaca tgacatacat gtttaaatac   240

ga   242

<210>   2321
<211>   262
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700903141H1

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acagtcatgg gcaaggtcaa gatcggaatc aacggatttg gaagaattgg ccgtttggtt   120

gccagagtcg ctctgcaaag agacgatgtg gagctcgttg ccgttaacga cccttttcatt   180

accaccgatt acatgacata catgtttaaa tacgacagtg ttcacggaca ctggaagcat   240

cacgatgtca ccgttaagga cg   262

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<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
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acgatgttga actcgttgcc gttaacgacc ctttcattac caccgattac atgacataaa   180

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agaagaccct tctct   255

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<211>   243
<212>   DNA
<213>   Glycine max

841

842

<211>   253
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<223>   Clone ID: 700964087H1

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gagagacgat gttgaactcg ttgccgttaa cgatcctttc attaccaccg attacatgac   180

atacatgttt aaatacgaca gtgttcacgg gcactggaag catcacgatg tcaccgttaa   240

ggatgagaag acc   253

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<223>   Clone ID: 700959733H1

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cagagagacg atgttgaact cgttgccgtt aacgaccctt tcatcaccac cgattacatg   180

acatacatgt ttaaatacga cagtgttcat ggacactgga agcatcacga tgtcaccgtt   240

aaggacgaga agacccttct cttcggtgac aagccagtca c   281

<210>   2328
<211>   258
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<223>   Clone ID: 700964742H1

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agacgatgtt gaactcgttg ccgttaacga ccctttcatt accaccgatt acatgacata   180

catgtttaaa tacgacagtg ttcacggaca ctggaagcat cacgatgtca ccgttaagga 240

cgagaagacc cttctctt 258

<210> 2329
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<212> DNA
<213> Glycine max

<223> Clone ID: 700953045H1

<400> 2329

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gatgatgtgg tctccaccga ctttgttggt gataacagat caagtatttt tgatgcaaag 120

gctggaattg cattgaataa gaattttgtg aagcttgtct cttggtatga caacgagtgg 180

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ggtgg 245

<210> 2330
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<212> DNA
<213> Glycine max

<223> Clone ID: 700956242H1

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ggctggaatt gcattgaata agaactttgt gaagcttgtt tcttggtacg acaacgagtg 180

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tgttact 247

<210> 2331
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700964732H1

<400> 2331

844

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gtcaagatcg gaatcaacgg atttggaaga attggccgtt tggtggccag ggtggctctg 120

cagagagacg atgttgaact cgttgccgtt aacgatcctt tcattaccac cgattacatg 180

acatacatgt ttaaatacga cagtgttcac gggcactgga agcatcacga tgtcaccgtt 240

aaggatgaga agacccttct cttcgg 266

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<223>   Clone ID: 700952951H1

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gatgatgtgg tctccaccga ctttgttggt gataacagat caagtatttt tgatgcaaag 120

gctggaattg cattgaataa gaattttgtg aagcttgtct cttggtatga caacgagtgg 180

ggatacagtt cacgtgtcat tgacctgctt gtaatcgttg ccaagaagtc tttttaatta 240

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<223>   Clone ID: 700905876H1

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ctttcatacc accgattaca tgacatacat gtttaaatac gacagtgttc atggacactg 180

gaagcatcac gatgtcaccg ttaaggatga gaagaccctt ctcttcggtg acaagccagt 240

cactattttt gg 252

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845

<213>   Glycine max

<223>   Clone ID: 700953564H1

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gagttttcac cgataaggac aaggccgccg cacatttgaa gggtggtgca aagaaggtta   180

ttatttctgc ccccagtaag gatgccccca agttggtggt gggtgtcaac gagcacgag   239

<210>   2335
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<212>   DNA
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<223>   Clone ID: 700906196H1

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cacgatgtca ccgttaagga cgagaagacc cttctcttcg gtgacaagcc agtcactgtt   180

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ga   242

<210>   2336
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<212>   DNA
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<223>   Clone ID: 700909405H1

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cagagagacg atgttgaact cgttgccgtt aacgacccctt tcatcaccac cgattacatg   180

acatacatgt ttaaatacga cagtgttcat ggacactgga agcatcacga tgtcaccgtt   240

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846

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<223>   Clone ID: 700962884H1

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tggagaagga agcctcctac gatgaaatta aaaatgctat caaggaggaa tcagagggca   180

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atacagatca   250

<210>   2338
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<213>   Glycine max

<223>   Clone ID: 700907981H1

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agatgatgtg gtctccactg actttatcgg cgatagcaga tcaagtattt ttgatgcaaa   180

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<223>   Clone ID: 700963317H1

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847

acccccttgaa gtcgttgttg tcaacgacag tggtggtgtc aagaatgctt cgcacctgct 180

gaaatatgat cctatgctgg gaacctttaa ggaaatgttg aaatactaga caattgaacc 240

atcactgttg atggtaatcc atc 263

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<223>   Clone ID: 700905151H1

<400>   2340

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accaactgcc ttgctccact tgctaaggtt attaatgaca ggtttggcat tgttgagggt 240

ttgatgacca ctgttcattc catca 265

<210>   2341
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<223>   Clone ID: 700957310H1

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atgaccactg ttcattccat cactgccacc cagaagactg ttgatgggcc atcagccaaa 180

gactggagag gtggaagagc tgcttcattt aacatcattc ctagcagcac tggagctgcc 240

aaggctgttg gaaaagt 257

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<223>   Clone ID: 700907957H1

848

<400>   2342

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cttcc   245

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<223>   Clone ID: 700957321H1

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ctgttgttga cctcacagtg   260

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<223>   Clone ID: 700954591H1

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ggttgctctt cagaggaatg acgttgaact tgttgctgtc aacgatcctt tcatcaccac   180

tgattacatg acatacatgt tcaagtacga caccgttcat gggcagtgga agcattttga   240

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<223>   Clone ID: 700960745H1

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ttctctggcc tctgcagctc atcaggcttc cttccctttt ctagaaaatc ttaagaggat   180

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<223>   Clone ID: 700906879H1

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aatctctggc ctccgcagct catcaggctt ccttcccttt tctagaaaat cttcagagga   180

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gggtgt   246

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<223>   Clone ID: 700960223H1

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ggcttctctg aattctctgg cctccgcagc tcatctggct tccttccctt ttctagaaaa   180

tcttcagagg atttccattc tgtcattgcc ttccagacct atgcagttgg aagcagtgga   240

ggatacaaga agggtgtgac agaagcaaaa ctgaa   275

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906218H1

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acatggcttc ggctactctc tctgtagcca aaccagccct tcaggcaaat gggaaaggct   120

tctctgaatt ctctggcctc cgaagctcat caggcttcct tcccttttct agaaaatctt   180

cagaggattt ccattctgtc attgccttcc aaacctatgc agttggaagc agtggaggat   240

acaagaaggg tgtgacagaa gcaaaact   268

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<223>   Clone ID: 700962204H1

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ttgacttcag gtgcactgat gtgtcctcaa ccgttgactc atcgttgacc atggtcatgg   180

gagatgacat ggttaaggtg attgcttggt atgacaatga gtggggctac tcccaaaggg   240

ttgtggattt ggctgacatt gttgccaaca agtggaagtg aga   283

<210>   2350
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<223>   Clone ID: 700962351H1

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851

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cgtggttggt gtcaatgagt atgactacag ccctgatgaa cccatcatca gcaatgcctc   240

ttgcaccact aactgccttg cac                                           263


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<223>     Clone ID: 700954983H1

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ttctctctca attttatcta aatcgaaatg taacaggatt tggaagaatt ggccgtttgg   180

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ttac                                                               244


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<223>     Clone ID: 700961364H1

<400>     2352

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ttcgacgtga acggcgacgg caagatctcg gcgtcggagc tgaagaccac tccgtgtgcc   180

tacacccaat gtttcagttg ttgaccttgt tgtgaatgtt gagaagaagg gtcttact     238


<210>     2353
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<223>   Clone ID: 700961396H1

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agttcgacgt gaacggcgac ggcaagatct cgcaatctca atggaatagc gctccgtgtg   180

cctacaccca atgtttcagt tgttgacctt gttgtgaatg ttgagaagaa gggtcttact   240

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<223>   Clone ID: 700963442H1

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tatcatgggc aaggtcaaga tcggaatcaa cggatttgga agaattggcc gtttggtagc   180

cagagtggct ctgcagagag acgatgttga actcgttgcc gttaacgacc ctttcatcac   240

caccgattac at   252

<210>   2355
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<212>   DNA
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<223>   Clone ID: 700956835H1

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gaagacaagc ttagcctt   258

<210>   2356

<211>   256
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<223>   Clone ID: 700959058H1

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ggtcctgatt ccatcaagac atttggtgaa gcattggata cgactcagac cattatttgg   120

aatggaccaa tgggtgtttt tgagtttgat aagtttgcca caggaacaga ggctatagcc   180

aagaaactgg cagagctgag tgggaaggga gtgacaacca tcattggagg aggtgactcc   240

gttgccgctg tggaga   256

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<223>   Clone ID: 700952526H1

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agactgtgcc agcatcaagc atcccagacg ggtggatggg attagatatt ggtcccgatt   240

ccatcaagac at   252

<210>   2358
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<223>   Clone ID: 700910043H1

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854

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agtgatcctt tctagccact tgggacg 267

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<223>   Clone ID: 700963530H1

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aaagaatgat cccgagcatg caaaaaagct tgcctctctg gcagatctgt ttgtgaatga 240

tgcatttggt actgctcaca gggcacatg 269

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<223>   Clone ID: 700958261H1

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tggcgactaa gaggagcgtg ggaacgttga aggagggtga tttgaaaggg aagagggtgt 120

tcgtgagggt cgatctgaac gtgcctttgg atgacaacct taacatcacc gatgacacta 180

gagtccgtgc tgctgttccc accatcaagt acttaactgg tcatggagcc aaagtgatcc 240

tttctagcc 249

<210>   2361
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<223>   Clone ID: 700909538H1

<400>   2361

855

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gggaacgttg aaggagggtg atttgaaggg gaagagggta ttcgtgaggg tcgatctgaa   120

cgtgcctttg gatgacaacc ttaacatcac cgatgacact agagtccgtg ctgctgttcc   180

caccatcaag tacttgactg gttatggtgc taaagtgatc ctttctagcc atttgggacg   240

tccaaaaggt gta   253

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<223>   Clone ID: 700962832H1

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gagctcatgc ttctacagaa ggagttgcca aatacttgaa gccctctgtt gcaggattcc   180

taatgcagaa ggagcttgat tatctagttg gggctgtgtc aaaccccaag agaccatttg   240

ctgctattgt cggtg   255

<210>   2363
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<223>   Clone ID: 700906269H1

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cgtgagggtc gatctgaacg tgcctttgga tgacaacctt aacatcaccg atgacactag   120

agtccgtgct gctgttccca ccatcaagta cttaactggt catggagcca aagtgatcct   180

ttctagccac ttgggacgtc ctaaaggtgt aacacctaaa tacagtttga agcctcttgt   240

gccaaggctg tctc   254

<210>   2364
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856

<213>   Glycine max

<223>   Clone ID: 700958782H1

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ttcaatggaa attaatggat gagaactaat gaat   94

<210>   2365
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<212>   DNA
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<223>   Clone ID: 700959845H1

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caagtccatg gctggcttcc ccaccagaaa gaccaacaat gacattacct ccattgctag   180

caacggtgga agagtgcaat gcatgcaggt gtggccacca gttggcaaga agaagattga   240

gac   243

<210>   2366
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<212>   DNA
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<223>   Clone ID: 700961649H1

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cactgtcaac cgtgccggtg ccggcatggt tgctccattc actggcctca gtccatggc   120

tggcttcccc accaggaaga ccaacaatga cattacctcc attgctagca acggtggaag   180

agtgcaatgc atgcaggtgt ggccaccagt tgggcaacaa gaagtttgag actctttcct   240

acctgccaga ccttgatgat gcacaatt   268

<210>   2367
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<212>   DNA

857

<213>   Glycine max

<223>   Clone ID: 700959008H1

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tccatggctg gcttccccac cagaaagacc aacaatgaca ttacctccat tgctagcaac   180

ggtggaagag tgcaatgcat gcaggtgtgg ccaccagttg caagacgaa gtttgagact   240

ctttcctacc tgccagacct t   261

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<223>   Clone ID: 700963683H1

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gctactggac catgtggaag ctgcctatgt ttggttgcac tgatgcttct caggtgttga   180

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acaacgttcg ccaagtgcag tgcatcagct tcatcgccta c   281

<210>   2369
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<223>   Clone ID: 700955418H1

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858

ttattggatt tgtaactgag tacta   265

<210>   2370
<211>   250
<212>   DNA
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<223>   Clone ID: 700959847H1

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ttgtaactga gtactatact agcaatgcat atagtccggt gcaagatcgt tgcagactcc   180

tgcaggactg gtgctgcaac taatgttata tttggccttg ccttgggata caagtctgtt   240

attattccaa   250

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<223>   Clone ID: 700952058H1

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gccattttga tattcctctt ccttggctct gtggaaggat tcagcacaag ctaccagcct   120

tgcacctatg accaaactaa aatgtgtaag ccagctcttg ccactgctgt tttcagcacc   180

atatctttcc tgcttggagg tgtcacatcg cttatttctg gattccttgg aatgaaaatt   240

caacttatg   249

<210>   2372
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<212>   DNA
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<223>   Clone ID: 700904602H1

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gtcggaaagg ttgaaagaga catccccgaa gatgatccaa gaaatccagc tttgattgct   180

gataatgacc gtgataatgt tgggggatatc gctggtatgg gatctgatct gtttgcggtc   240

atatgccgag tca   253

<210>   2373
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<213>   Glycine max

<223>   Clone ID: 700953633H1

<400>   2373

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gcgtcaagct cactcccgac cgcaacggaa cgacgtcgtc gccgcgcaac aacaaaaacg   240

gctacggcga c   251

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<223>   Clone ID: 700954577H1

<400>   2374

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agtatcgtcc atcattttc tacaacgaca gaacaaggaa aagccgtccc tttaccaatg   180

ccttctcgtt tttgtgttag tctttaactc atctgtcatg tcaattccat tgttttttgaa   240

accttttcct ccccccacctt gaaacaaagt atatttgtc tcatgtagtt ttaagacaat   300

tgattaggc   309

<210>   2375
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<212>   DNA

<213>   Glycine max

<223>   Clone ID: 700908149H1

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tgactccaaa ggttttcatt ggtttgattg tgggtgcaat gcttccttac tggttttctg   180

ctatgactat gaagagtgtg ggaagtgctg ctctgaagat ggttgaagaa gtacgcaggc   240

aattcaacac cattccaggg ttgatggga   268

<210>   2376
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<223>   Clone ID: 700952580H1

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aatagggtt cgccctcttc cagtgggtcc tcgtctccaa ggttaagctc tccgctgcca   180

gagacgcttc ccctaacgcc gccggcaaaa atggctacaa cgattacctc atcgaagaag   240

aggaaggcct caacg   255

<210>   2377
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<223>   Clone ID: 700952567H1

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cattggaata gggttcgccc tcttccagtg ggtcctcgtc tccaaggtta agctctccgc   180

tgccagagac gcttccccta cgccgccgg caaaaatggc tacaacgatt acctcatcga   240

agaagaggaa ggcctcaa   258

<210>   2378
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<213>   Glycine max

<223> .   Clone ID: 700953831H1

<400>   2378

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ataggggttcg ccctcttcca gtgggtcctc gtctccaagg ttaagctctc cgctgccaga   180

gacgcttccc ctaacgccgc cggcaaaaat ggctacaacg attacctcat cgaagaag   238

<210>   2379
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<213>   Glycine max

<223>   Clone ID: 700904783H1

<400>   2379

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atcatgggag cagtgattct cccagatctc ggcaccgaga ttttgattcc ggtctgcgcc   120

atcattggaa taggttcgcc ctcttccagt gggtcctcgt ctccaaggtt aagctctccg   180

ctgccagaga cgcttcccct aacgccgccg gcaaaaatgg ctacaacgat tacctcatcg   240

aagaagag   248

<210>   2380
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<212>   DNA
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<223>   Clone ID: 700952870H1

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862

catcattgga ataggggttcg ccctcttcca gtggggtcctc gtctccaagg ttaagctctc   180

cgctgccaga gacgcttccc ctaacgccgc cggcaaaaat ggctacaacg attacctc   238

<210>   2381
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700961948H1

<400>   2381

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tggaataggg ttcgccctct tccagtgggt cctcgtctcc aaggttaagc tctccgctgc   180

cagagacgct tcccctaacg ccgccggcaa aaatggctac aacgattacc tc   232

<210>   2382
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906779H1

<400>   2382

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tgcgccatca ttggaatagg gttcgccctc ttccagtggg tcctcgtctc caaggttaag   180

ctctccgctg ccagagacgc ttccactaac gcctccggca aaaatggcta caacgattac   240

ctcatcgaag aag   253

<210>   2383
<211>   269
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906027H1

<400>   2383

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agaaccaccc tggaggcaag aaagggtgtt ggaaaggctt tcattacggc ttttagatct   120

ggtgcagtta tgggttttct ccttgctgca aatggtcttt tggttcttta cattgccatc   180

aacttgttca agatttacta tggtgatgac tggggtggtc tttttgaggc catcactggt   240

tatggtcttg gtgggtcttc tatggcttt   269

<210>   2384
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700957555H1

<400>   2384

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aacttacgcc aatgggagaa ccaccctgga ggcaagaaag ggtgttggga aggctttcat   120

tacggctttt agatctggtg cagttatggg ttttctcctt gctg   164

<210>   2385
<211>   245
<212>   DNA
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<223>   Clone ID: 700953858H1

<400>   2385

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tgacaccttc cgcatcatcc tccagatgag cgtcgtcatg atgttcggcg gccaaatgcc   180

tgtcatcaag gtggggagaa tggcggggca atttgcaaag cctcgttcgg attcgtttga   240

ggagc   245

<210>   2386
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700958333H1

<400>   2386

864

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gactgtgccg agagcttcaa ggagttcaat gccaacaaca tccgtgacac cttccgcatc 180

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agaatggcgg ggcaa 255

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<212> DNA
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<223> Clone ID: 700963862H1

<400> 2387

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tcgcggattc cggatccgca aagatgatt agggcttatt gccaagccgc ggccacgctg 120

aatcttctca gagcttttgc caccggtggt tatgctgcta tgcagagggt tactcagtgg 180

aatttggact tcacggatca cagcgaacag ggagataggt accgagagct tgctaaccga 240

gttgatg 247

<210> 2388
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700953162H1

<400> 2388

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tcgccggcga ggcgaggaat ctggaggaga agctcgctca ggctgccatg gggaacgctt 120

ttctccttca gggcggtgat tgcgccgaga gcttcaagga attcactgcc aacaacatcc 180

gtgacaccta ccgtgtcatc cttcaaatgg gtgtggtcct catgttcggt ggccaaatgc 240

ccgttatca 249

<210> 2389
<211> 243
<212> DNA

865

<213>   Glycine max

<223>   Clone ID: 700952432H1

<400>   2389

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cagcttgatg gtgcccatgt cgagtttcta agaggagttg ctaatccctt gggaattaag   180

gtaagtgaca agatggatcc aaatgagctt gttagactca ttgagatctt gaatccccaa   240

aac   243

<210>   2390
<211>   260
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906275H1

<400>   2390

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catgacactt gctgttgttg cactatttgc taatggtccc actgctataa gagatgtggc   180

aagttggaga gttaaagaga ctgagaggat gatagcaatc tgcacagaac tcagaaagct   240

aggagcaaca gttgaagaag   260

<210>   2391
<211>   264
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700905146H1

<400>   2391

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accatttgga gaagattgct gaaactgcaa aacgggttgg aacaattgtg atctctgatg   180

aagtttatgg tcaccttgca tttgggagca agcctttgt accgatggga gtttttggct   240

866

ctactgttcc tgttctcact cttg   264

<210>   2392
<211>   268
<212>   DNA
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<223>   Clone ID: 700961605H1

<400>   2392

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gatgaggaag ggaaggtgta ccagaagggt gcatgtgggg gtttttgggaa aggcaatttt 180

tctgagcttt tcaaatccat tgaagaatat gagaagactt tggaagctaa aagaaccgcg   240

taagcacatt ggaagaacac aaatactc   268

<210>   2393
<211>   257
<212>   DNA
<213>   Glycine max

<223>   Clone ID: 700906510H1

<400>   2393

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ccaacgatat tcatagagat aattcagagg atcgggtgca tggtggagga tgaggaaggg   120

aaggtgtacc agaagggtgc atgtgggggt tttgggaaag gcaattttttc tgagcttttc   180

aaatccattg aagaatatga gaagactttg gaagctaaaa gaaccgcgta agcacattgg   240

aagaacacaa atactcc   257

<210>   2394
<211>   514
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a01d1

<400>   2394

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cattctgtat tctaagataa tacatatgaa agatgttaca tatataggct attcaaacag    180

tggctggtac tggagttgaa ggagcaacac ggttttcagc tggaatttca acaaactcag    240

acaatatagc acggaattca tctccgctca gagtctcctt ctccagaagg acttccacaa    300

tcttgtcaat ggcctcacgg ttgttcctta tatgctccag tgcaatttca tatgcttcat    360

ctgagatcct cttgatggca gcatcaatgt cttctgcaag cctctctgac attgagttcc    420

ttgccatcat tctcatgatg acatccccac cttgtgctga tggttccata agtgaccaag    480

gaccaatatc agacattcca aatgtggtca ccat                                514
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<211>       474
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050a02a1

<400>       2395

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cggcgatgac tgcctccaag gatcgcgaga acttcgtcta catcgccaaa ctcgccgagc    120

aggccgagcg ttacgaagag atggtggaat caatgaagaa cgttgcgaat ctcgacgttg    180

aactgacggt ggaggagcgg aatttgcttt ctgttgggta caagaatgtg attggtgctc    240

gcagagcgtc ctggaggatc ctgtcttcca ttgagcagaa ggaagaaaca aaagggaacg    300

agttgaatgc gaagcggatt aaggagtaca gacagaaggt tgaattggag ctatcgaaca    360

tctgtaatga tgttatgaga gtgattgatg agcaccttat cccttcggct gcaacttgtg    420

aatccactgc gttttactat aagaagaaag gagattatta tcgttatcct gctg          474
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<210>       2396
<211>       510
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<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050a02d1

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ctatacctca aaccccacgt aggatttatg tacaaacaga cgaaagaggg ggcaaaaaat 180

aagtgaaatt taaagaggac cttggacaac tttcaataac caagtttagt cccactctgc 240

ctatctaccc atgcatcgtt aagctaagct atgtactcat tcaccttttg ctttacttt 300

gtattgtttg gacctgaagt gacgattgtg atccaccact gagtgcagca gcagcagatt 360

caacatgtgt aagaagatat tcatatatct tcttcctcaa ccggtcaatt gtctctgctg 420

atatctcgca tgattctccc tcatccttgc tcgatcctat ctcatctaac caatcattaa 480

cactctttag ttgagtgagc attcctgcta 510

<210>   2397
<211>   530
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a03a1

<400>   2397

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cttgctaaag agaaatgtcc tggctatgtc ctttgctccg aaggacaacc atgaagcaca 180

agttcagttt gctctagaac gaggggtacc tgctgttatt ggtgttcttg gcaccatccg 240

ccttccatac ccatcaagag cattcgatat ggcccagtgt tctcgatgtc tgataccatg 300

gacttcaaat gagggaatgt atctaatgga agttgaccga gtcttaaggc ctggtggata 360

ctggattttg tctgggcccc caattaattg gaaaacatac taccaaacat ggaagcggtc 420

caaggaagat ctgaaggcag aacagacaaa acttgaggag ttagctgaaa gtctttgttg 480

ggaaaagaag tacgaaaggg tgatattgct atttggagaa agataataat 530

<210>   2398
<211>   433
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a03d1

<400>   2398

869

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aagtcatctt tcatcccatg cactgaacgc ctaatgctcg tcgtaatccg tcgcttaaaa 180

gaccatctgg tgtggcctgt ttgagctgcg gaggctgaag ctggcaccga ggtagtcggc 240

aaggtgggcc tccttcttga tgggggctaa aagtgccttg tcgacagact tttggtcctc 300

aatacgggcc tttgcggtct ccttcttctc gggcttctcg ccctgcttga agaacgagtc 360

cttaccgggc ttgcgggcgg ccttgtcctt ggtgaagtaa ccattctctg tgaccttgtc 420

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<210>   2399
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<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220050a04a1

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tgaaaatttc agaagacatt gattataacg ataaggagaa agtgcatcaa atccttagaa 180

aagatggctt gaccttgcta ggtattgttg gcctaaagga tccatgccga ccagacgtca 240

agaaggctgt ggaaacttgt aaacttgcag gtgttagcat caagatgatc actggagaca 300

acattttcac tgcaaaggcc atagcaacag aatgcggaat tttagacctt gatggccatg 360

tgaatgcagg agaagtggtt caaggtgtgg aattcaggaa ctacacagag gaagagagaa 420

tggagaaagt cgagaagatc cccgtgatgg caagatcgtc cccttggac aaacttttga 480

tggtgcaatg cttgaaaaag aaaggtcatg ttgttgcagt cacaggagat tgcacanatg 540

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<223>   unsure at all n locations

870

<223>　　　　Clone ID: jC-gmf102220050a04d1

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tataaaggat aacaatccaa tatgaacaag ataaattatt tgattatatc aagtcatagc　　180

ttctcttcaa gtggagaatg cttaggttct cagggtgtgt ataagcaggt tccatcatca　　240

cttcttgcag ttgggtcgaa gtttgaggca tttggatcag tacaaccttc aggaacggga　　300

atttttactt gctgggctgc tttgccatag aaagttcctc ttttgatggc atcctgatta　　360

gcatcaccaa gagcagcctc gttcaagtac ttgtctgcca gttgtactct cttcacattc　　420

tcttgntctt ggacaagcat gttaccatac tccaagagct tgctcaaagt catcttcggt　　480

tggtcaaagg ttggaggtcc ttccttggag ttcacaagct tcttccaatc aagtcaacac　　540

caaca　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　545

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<211>　　　　511
<212>　　　　DNA
<213>　　　　Glycine max

<223>　　　　Clone ID: jC-gmf102220050a05a1

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gaagccgtaa ggcaaggagt tgttggaggt agggaacaaa aagttgcctc aggagttaga　　120

caagaaaaag gacacagggc aaatgtcaca gcaaaagaca atgctgaccc aggcttagca　　180

gtgcagcaag gacactgttc cagctcaagg aaccaaagtg aattatcaaa ccctcataga　　240

ggatcggtgt ctggaattct ggttttccct cacaaacagt cagaaaaaga aatgaatgat　　300

aatttctctg ggcatcttta taagaggcct tcacattcag gcccattggt tcctggttct　　360

gtctgggcaa aaggcaggaa agaagttgat gatgtgcctc ctgtttcaaa cagagtgaac　　420

ctattaaaac tatctgggct agtggcatct aggactttct ctgaagatca ggaggttaaa　　480

ccagttcact cgaaccacag aaaaccaatt g　　　　　　　　　　　　　　　511

<210>　　　　2402

871

<211> 506
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<223> Clone ID: jC-gmfl02220050a05d1

<400> 2402

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cctcagcaat gtcttccaca tacacaacct tcccttctct gatatgaggc aggacaaact   180

ccaagaattt tggatataaa tgatagaaat cagttgcaat aaaaccttcc attttaaccc   240

gcttaaatat gagatttgcc aaatttgtta caccatcgaa ctgagtaaga ttgtactgcg   300

agatcattcc acagacaggt atgcggccat gaaatttcat gtttgggagt actgcatcaa   360

gtgtcttgcc cccaacattc tcaaagtaaa tgtcaatgcc ttctggaaag taccttttca   420

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<210> 2403
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<212> DNA
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<223> Clone ID: jC-gmfl02220050a06a1

<400> 2403

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ttactttgtc aatgttttta accatcaatg ctgttatgtg gttcttctat ggccttctcc   180

tcagggatta ttacgttgct cttccaaaca cacttgggtt tgtcttcggc ataattcaga   240

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acgcagctac tgctggtgct gttggcaaag tttgaatatc accattgaga ttatatgaat   420

gtggagaaac aagggatcaa tgacaagaaa agttaaaaaa agggaataac ctaaacttca   480

attactttac tgagtgaggt cacatctaat atcactcata tctacaatgc acgaatagta   540
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872

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<210>       2404
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<212>       DNA
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<223>       unsure at all n locations
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caataacaag tatatttctc aactgcctga aggtctagtt agtgtatacc aatgtgacta    180

gcaattgaca ggaaatttgc caagagaaaa cctttcagga agaagctgaa tgacatgcat    240

tttgcgggca aaattttgat agatcatatt tccttatgtg ctggcactag acaccaattc    300

cgaactttca acattgcttc ctacattttt ctgaattact ggaggagatg aaggtgtcct    360

tgcttcagcc aaaattcaacc gcaagggccg accttgtacc tncacaccat tcatgatgtc   420

caaagcagcc cgtgcagatt cggcagtttc aaaagaaaca aacccaaaac ctcgagatct   480

tccactgtcc ctctcataga tg                                             502


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<211>       528
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050a07a1

<400>       2405

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cgtttcatga catatacccg gatcttcaat ccatttcagc acgttcggtg agcaaacttc    180

agagaactgg ataccatttt caacctcgta agaattggat caatgatcca aatgggccca    240

tgtactacaa tggaatctac catctatttt accaatacaa cccaaaagga gcagtttggg    300

gcaacatagt gtggggacac gcagtatcaa aggacctcat caattggaaa gaacttgaac    360

ctgccctata cccatcaaaa cccttgaca aatactgggt ttggtccggg tcagccactg    420
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tactcccggg ttaaggaccc gtaatccttt atactggagt cattgacaag caaagcaatg    480

aggttcacat tgatgccata cttgaaacaa aatccaccca atttttag                 528


<210>        2406
<211>        247
<212>        DNA
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<223>        Clone ID: jC-gmfl02220050a07d1

<400>        2406

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aaaggaaaaa agagagagac aacaaaaaaa acaaacgggg aggccgaaaa gaggagcacc    120

aacagccggg ggacaaaacc caaaaaggaa aaaggaaagg ggggcgcact aaaggccccc    180

aaaaaaaagg ggggggggg gagaaaaacc acacggagga acgagcaccc cgaaaacccg     240

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<210>        2407
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<223>        Clone ID: jC-gmfl02220050a08a1

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gcttctccac aacgaccgcg tcatcatctt cgaccgcacc gacttcggac tctccaacct    180

aaccctcccc gacggaagat gccgcaacaa cccaaacgag ttggtcgtca aacgcgactg    240

caccgcgcac tccatcgaat acgacgtcgc agccaacaca ttccgcgctc tctttgtcca    300

aaccaatgtc tggtgctcct ccggttcggt ctctcccgac ggaacattag tccaaaccgg    360

tggcttcaac gacggctacc gtgcggtcag aaccttcacc ccgtgccgct cgtgcgactg    420

ggcagaagtt cagcatggac tcgcggtgca tagatggtac gccaccaatc acatcttgcc    480

agatggacgt caaataatta tcggaggaag aagacaattc aactacgagt tttac         535


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<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050a08d1

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ttgatatata gcacttaaac tgcagtgcca tatatatgta tatatactaa ccagctagtg   180

gctaagttta gtactagatg cattttttaca caaacttgtg cgtcctcttt tggtggttat   240

aattaggtga gaagggttta aagtttgata tgattgcgtg gttgcttagg ttgttttttcc   300

atgaataaga ggcaagtcaa cttcatcaca ccactcgatg tacctagttt caaaataaga   360

acccttttgct tggttgggca aatagctaac ccaaaactct ccccctattc tncactttag   420

cacac   425

<210>   2409
<211>   328
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a09a1

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taccccaccc cttttttccc tttcaatttt caatcttgta tctcgaaaag aaatgacaaa   180

tacaaagaaa taggatcaat gaacgatcat ctggtgctgg tcgtggacca tctggtgcgg 240

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gacagtgtca gcgatttgga gaccccct   328

<210>   2410
<211>   96
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a09d1

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ggcgcttttc ttcttaattt gccacatttg agtcct   96

<210>   2411
<211>   457
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050a10d1

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tcccaaagga attgaagata accatatatt gctgagatcc attgatgttc ttattggatt   120

tatgtttttt tttttaata aaccacgtta tttcaatgtg atgtgaatct atatgattga   180

gcctgataaa catcctttgc ccctactatg actgcatttt ttttatttga tatggtttgg   240

tttcttccac tggtagagct tcagttcgag gttctaaatt atggttgttg cgattttgtt   300

gtacaaacat tgacattgtg gcctaaatca aggtcgcaca ccattttta aaaaaacttg   360

ttttaagctt tgaatgggta ttgaatattg nttgtatcag ctatggattt taccagctgc   420

agagttctgt tgtgtatttt gtatatttat tctattt   457

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<211>   417
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a11a1

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ttctgatgat tcggatgaag actttgtggt ttcagatgaa tgttgagagg catctgacta   180

ttactgctcc tccttagatg gatgcgcatc agatgagggt tttgatagtt ttatggaaga   240

agaggacgag caatttcgaa gagtgaggag tatcaataga ttcaagtcaa taaagggcat   300

tgctggtcgg cggaaaaatg gcagttaaag ctcacacagg aggggaagga ttacatatgc   360

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<210>   2413
<211>   603
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050a12a1

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tcattcaagt gttgagagct gtaacagtgc tggctttttt tcaacaggta agaagagacg   120

taactttcaa caacagttga taattgggag ttaaagagtc aaaaagcata ttgaagaatc   180

ttctggtttc aaatcctatg ttaaacagga tagctcattc atgaactgga tttcaaacat   240

ggtgaaagga ctccaacaat caattcaaaa tgattcaaac actttggctc ttacccttac   300

aaatccagat catcataatc tactgcctga cgagaaactt ttcacatgca atatgaatca   360

agatcccgag ccaaaaaata caggattcaa gtcctttttt cagtccatat attgtccaag   420

cttgaagaat ggaggaacga gaatgtctca tcaagaaggg aagagtagtg atgatttaga   480

gccaggtaac atggaacatg gaatagatgc tacnttcaat acctattggg cagaaaacaa   540

tagtctttcc aaactgcgtn tgcaatcaaa taagtttgaa gtatctattg ggggaaaatg   600

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050a12d1

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aaaccccgga ggggataaac cagggtaaaa aaaaggctgg cagaaccaat ttatgcaaac   120

cccccagcat ttttatcctt cccaaaaaaa acccttttt tttactagca aagggaaggg   180

cttccttagc aaggggattt acatccggaa ccggggggtg gaccttagca actttagcaa   240

tagcctgggt tttttaaggg ggtccacctt tcaaaaagac cccgaaaact tttccgtgtt   300

taaaccagta tggcccaaac tttggctttg aaaaccccgg attg   344

<210>   2415
<211>   455
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b01a1

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cggcgatgac tgtctccaag gatcgcgaga acttcgtgta catggtcaaa ctcgtcgaac   120

aggccgtgcg tctcgaagag atggaggtat cacagaagaa cgttgctaat ctcgacgttg   180

aactgacggt ggaggagcgg aatttgctat ctgatgggta caagaatgtg attggtgctc   240

gcagagcgtg ctggaggatc ctgcctttca ttgagcagaa ggaagaaaca aaagggaacg   300

agttgaatgc gaagcggatt aaggagtaca gactgaatgg tgaattggag ctatcgaaca   360

tctgtgatga tgatatgaga gtgactgacg agcaccttat cccttctgct gcaggtggtg   420

aatccactga ggattactat acgatgaacg gagat   455

<210>   2416
<211>   541
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b01d1

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aatccaaaaa agataagatg atttgggtga gctttcactg tgacttacgt ctatagtgaa   120

gagagctaca ctgaaagctt aggccataga aatagagcta cagaatacac ttatacacct   180

aggcattagt aacttatata agtgaatatt atggcactat tctgagacct taatgctttc   240

acttgtgagc cacatcttct tttgaattat aagcactact tcatcatcat catcatcttt   300

accttgatct acatcatata tggtcacagc attccagtgt aatgctgaca ggtatttctt   360

878

tatgtactcc accatggaac gcttatcatg gatgatgatg aaaccctttg gccttaggat   420

tctgtcaatc tcaattaata aatcctctgg actgcattct ttcttaataa tatcagaaaa   480

cacagtccat gcatggagta gatcgtacgt tcgagggtag gttgaaaatg cttcacacca   540

g   541

<210>   2417
<211>   519
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b02a1

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gaaaccatga tcgttgagca aaagtttgtg gtgaagattc cagagggttt ggcgccagag   180

caagtggcac cattactgtg tgcgggtgtg acagtgtaca gtccactggt acactttggg   240

ctgaaagaga gtgggctaag aggtggaata ttggggcttg gaggagtggg acacatgggg   300

gtgaagatag caaaggcact gggtcatcat gtgactgtga tatgctcttc tgacaagaag   360

aaacaagagg cacttgaaca ccttggagct gatcaatatc tcgttagctc tgatgccact   420

gccatgcatg aagctgctga ttcacttgac tacatcattg acactgtgcc tgttggtcac   480

cctttttgagc cttatctctt cttgctcaaa cttgatggc   519

<210>   2418
<211>   592
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b02d1

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attcaataaa gataagatga tttgggtgag ctttcactgt gacttacgtc tatagtgaag   120

agagctacac tgaaagctta ggccatagaa atagagctac agaatacact tatacaccta   180

ggcattagta acttatataa gtgaatatta tggcactatt ctgagacctt aatgctttca   240

879

cttgtgagcc acatcttctt ttgaattata agcactactt catcatcatc atcatcttta   300

ccttgatcta catcatatat ggtcacagca ttccagtgta atgctgacag gtatttctttt   360

atgtactcca ccatggaacg cttatcatgg atgatgatga aacccttgg ccttaggatt   420

ctgtcaatct caattaatta aacctctgga ctgcattctt tctaataata tcagaaacac   480

agtccatgca tggagtagat cgtacgttcg atggtaggtt gaaatgctta caccagttgt   540

aactggtcta ttagtcctct gtcgatatta tcttgagatt tttgtcattt tt   592

<210>   2419
<211>   557
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050b03a1

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ggagagagaa ggaaagcttg gtagcgatgg ggaaggagca agttcaggtg ctgaatgccc   120

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tcttcactga tgcttatgat ctgttctgta tatcactagt cacaaagcta cttggtcgca   240

tttactacca cgttgatggg gctgcaaagc ctggttcatt gcctcccaat gtgtcagctg   300

cagttaatgg tgtagctttt gttggaacac tttcaaggca actcttcttt ggctggctcg   360

gcgacaaaat gggccgaaaa aaggtctatg gcatgaccct tgcgcttatg gttatagctt   420

ccattgcttc gggtctatcc ttcggacacg atgcanagac tgtgatgaca actctatgct   480

tctttcgctt cttgcttggt tttggcatgg tggagactac cctattcgcc accataatgc   540

tgagattctt aatagag   557

<210>   2420
<211>   318
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b03d1

<400>   2420

cagcgtggtt gtttattttg atagctctat catatgataa aaattcatat gagaaagctc   60

880

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gttatatgag atcatgggtc atactcaata gacccttttg ttcaaaacaa gctatttgag    180

cggctaaacc actaataata ggcaatggcc ccgagtctcg atcatatacc aaatgacgat    240

agattcaaga gtctgaagtc taccatgctg ctactgcagt tagtgaacca agccatacac    300

cactaaatac gcttgtaa                                                  318


<210>       2421
<211>       515
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050b04a1

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aacaagtatg agagctctga ggttgaggtc caggatcgtg gtgtttttga ctttctcggt    120

aagaaaaagg atgaagaaga caagcctcat cctcaggagg aggtcatcgc caccgagttt    180

caaaaagtca ctgtctcaga ccaaggagag aacaagcaca gcctcttaga aaagcttcac    240

cgatctgaca gcagctctag ctcttcaagt gaggaggaag agaagatgg agagaaaagg     300

aagaagaaga agaaggaaaa gaaagggctg aaagagaaga tcgaggagaa aatagagggt    360

gatcatcatc atcacaagga tgaggacaca agtgtccctg ttgagaaagt tgaggttgtt    420

gaaacagcac atgctgagga aaagaagggg tttctcgaca tgattaagga gaagctacca    480

gggcacaaga agacagatga ggccacagct actac                              515


<210>       2422
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<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050b04d1

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tttttttttt ttttattgta cagagccaaa ttccaggctt acaaaccggg gaatccgaat    120

taaaagatct catgaagggt aacctaaagc aaattcaggg ggggtgtttt taaaaggtca    180
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881

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taatgggaa   aacctggggg   gtccccaaat   aaaatggcac   gagacatatg   cccattgtgc   240

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gaatgggaaa   ggggaccccc   cttgtgcagg   ctgcttaaac   gcggccgagg   gggggtaac   360

ctccggcagg   aacgctgcaa   tagccggggt   cttaaagccc   gtta                     404
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<210>   2423
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050b05a1

<400>   2423

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aaaacaacca   ccgtccaaac   caccaccaac   aacgtacgtc   ttacgttgtt   acatggccac   120

tcgtgttatc   ccaccaagaa   tcctaaggaa   gcttcgctac   aacaccgtca   caaaacccct   180

caactcctct   caccctcctc   tctccccgtc   tctctctcct   tctccctgcc   tcctacctgc   240

tccgctgccg   tcccccgccg   tgctccgtcc   ctccgccgcc   gcctccgacg   acctcagctt   300

ccgcgacgtc   gaaaagctct   tctcctctgt   ctccaccacc   agcctcctcc   gctcctccgc   360

cgtgctgcac   gccaccgtcg   tcgagcccat   ggttgacttc   ggcacatggc   tcttgcgatc   420

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cttcgaccac   tttt                                                           494
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<210>   2424
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<212>   DNA
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<223>   Clone ID: jC-gmf102220050b05d1

<400>   2424

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gatcatctca   aacttagcat   ctttttttttg   cccctaaaac   attgaaaatg   ctaaaaatgt   120

tacccgcaag   ttccattaca   acttttaccc   cttggattag   tccaacaacc   tttacgaaca   180

gaaattttta   cttgccaagt   ttgctttgcc   tccaattcaa   gactggaaaa   aagttcccct   240
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882

ctgaatagca tcctcgttag catttccaag agcagcctcg ttcaagtact tgtcagccaa 300

ttggactttt ttgacattct cttgttcttg gacaagcttg ttaccataca gcaagagctt 360

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<210>   2425
<211>   560
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050b06a1

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taaccctcga tttcacaaaa cctagcattt tcgcctccaa cgccaaatcc atggacctcc 420

aattctctaa agaaaccttt agcgtctcct tcaactgcta cttcatgtcc tncgtcataa 480

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cagtctcagc cggaaacctt 560

<210>   2426
<211>   598
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050b06d1

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aacatatata attacgtatt taatatatat tatgcaaatc actaattagt agtagagcta 120

atagtagtaa taatagcact aggaataata tagtaattaa aagaaaaatt aagaagctag 180

catcagatca tacacttgtg attattttga ccctcaggaa tgttgactgg tggaatcacg 240

tccatcgtct ccgccgtgat gttgcccggc actcccgga ggctccgaga cgccgttcgc 300

cggaatctgc ctgtaggcat taagggctgc aagcatgcct aagttacttt cattagaagt 360

tgagcaccgc cgttgccacc accggcgtca ccgtcaccaa cgataccgga acctagttga 420

cctccgggca taaggttcat cggagaagcg aaattcatga aatgaatgcc acctggagca 480

gacatagctc ctctatacac accactattc ccaacagagg gaantgccca atgggatatt 540

atcgctgcta catgggttgc accgcgcgtt gcacacacta tgggtggtgc ggaccgca 598


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<210>      2427
<211>      492
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050b07a1

<400>      2427
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cacaacaacg atgaagaagc agaagcgctc ggaccctcaa aacgacacca ctaaccccctt 120

cgaggttctc acggaggagc taatgttcgt gatcctggac ttcctcgaaa cggcggcgcc 180

gttggataaa aaatccttct cgctgacgtg taagtggttt tactcgcttg aggcaaaaca 240

ccgtcgtttg cttcggccgt tacgggcaga gcacctgccc gcgctcgcag cccgttaccc 300

gagcgtaacg gaactagatc tctcgctgtg cccgcgcgtg ggcgacgacg cgctcgggct 360

tgtcgacggc gcgtacgcgg cgacgctgcg gcggctggac ctgtcacagt cgcggcggtt 420

cacagggagc cggcttatga gccttggcgc gcagtgccag tacttggtgg agttggactt 480

gtcgaacgcg ac   492


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<210>      2428
<211>      516
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050b07d1

<400>      2428
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tcaaaaagat caccatcgaa atcaagcctt gaagtccacc atcaatttgt tcaacttctt    240

gttgttaatt ctctgttcga taaaactctt cccgtagtca tcactttgct gcaaggagga    300

agaggcacca ggcgtcaact tgcgggcgag ctgaacggcg tcgtcgtggg tgttgataat    360

gtgattgaaa cacaaataac gaccgtagga tgagacattc tcgtagacgc agatgtgggc    420

gtcgaccaag aagctcaaat caacggtcac gaacacccca tcctcggaca tctttgcggc    480

tcctcttacg taaggctgtt tgaccgagag atcatg                              516
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<210>      2429
<211>      507
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220050b08a1

<400>      2429
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tgggagaagg agaaggtgtg ggatccatga tgatggatat tgaacaagaa gatgacactg    180

acactgacgc taaaacttca acatcaagca ttcactaccc aacgacacac ggtggaataa    240

cagaggggtt ccagcaacac tgcttgttac caaagcttcc tcacaacacc tcaactccca    300

ttacatggac ccgctgaaat ttggtttgat ttttattttg atagtatata ccactatttt    360

ctttgctgtt aagcaaggtt ttctcctatt tgggataaag gggtactaga ctagaaccta    420

gtggaccaaa ctagtattta gcttgctttt gcggtatggg aatctttcct tggaagaagc    480

catccaagtg caacgaataa aagaaat                                        507
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<210>      2430
<211>      459
<212>      DNA
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ttgctccccc atacttggaa ccaaaagatg atgcatgaaa ataactagac tctctttcag   180

aatggggaaa cccccctctc tgcctcattg acaagattac aaaatcttta caacctatac   240

aaaatttaac agattcagta actgaagtta gaagatgaga tcctccattc tttctaagtg   300

gagtctggat aatgaagcca tgtaaatgaa tgccattact tttttgagaa agtgagatat   360

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<223>   Clone ID: jC-gmf102220050b09a1

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tcctgtccaa gacgtgagga tcccatacca gcagaagcga atgtttggtt ttgttacctt   180

tgtttatcca gagaccgtga agcttattct atctaaagga aaccctcatt ttgtgtgtga   240

tgcacgagtg cttgttaagc cttacaagga gaagggcaaa gtcccagaca agaagctgca   300

gcagcagcag gtagatagag gagatttttc accatgtggt actcctactg gattagatgc   360

tagagaccaa tttgatcttc aacttggagg cagaatggtc tacaatactc aagacatgct   420

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aggctaatgg gtctac   496

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<223>   Clone ID: jC-gmf102220050b09d1

886

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tggagaatgg tggccacatc tttaacctaa caaagaagaa aaatgcagtg gtgaaagacc   180

ataaaaatat tacacgttcc ttgaacaaaa cggattgaac ttcaatttgg aatagagggt   240

gatatgtgga gaaatctcca tatccacttt tattattagg aaattcagca catgcatgca   300

ttataacaag agcaattaat tacagagtac attttagata ggagaatact tagggaacca   360

agatgaggtc attgataatg gttgatgttc atacggagaa agaggatgca aggccaaact   420

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atggttttgg t   491

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<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050b10a1

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catcgagctc atcgcctccg agaacttcac ctccttcgca gtcatcgagg ccctcggcag   180

cgccctcacc aacaaatact ccgagggcat gcccggcaac cgctactacg gcggcaacga   240

attcatcgac cagatcgaaa acctctgccg ctcacgcgcc tccaggcct tccacctcga   300

cgcccaatcc tggggcgtca atgtgcagcc ctactccggc tcccctgcca acttcgccgc   360

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ggaggaaa   548

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<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b10d1

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cataaaatca gcaccactat taagcagatc tgtatatttt ccacattgag taattttccc   180

atctttcatg accaatataa ggtcagcagc aggtaagaac tccacttgat·gagtgacata   240

aaccactgtc tttgaacata aaaggcctag caagcattcc ttaaagaggt gagatcctgt   300

gtgagcatcc acagcactga aagggtcatc aaatagatat atatcagcat cttggtaaag   360

tgcacgtgca atttgtattc tttgcttctg tccaccactc aaatttattc cacgttctcc   420

tataat   426

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<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050b11a1

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cacccaaaag gaagagtggt acagtgacac tgtgactgct gtttttgttc ctgcttacat   360

tgatagtact gaaatagtta ggagggcatg gaagagatac aatttgagct tatgtcttgg   420

actgaacaaa gttgctggga aggttttcag aattggacat cttggccact tgaatgagtt   480

gcaactgttg ggatgtctag ctggtgtaga gatgatactc aaagatgtgg gttatcctgt   540

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cctttt   605

888

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<223>      Clone ID: jC-gmf102220050b11d1

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cttttctctg atcatacttt attttctaac atgaacatgc tagccagaat agaaagaatt   180

tcagaagtga ctaacatact aaccatctaa ccaaagccag aatctcctga ctattttta   240

actccctcta atttaaatct atacacttta aatggtagta gcacatgcct cgaccaaaac   300

gagctggcat gataattacc aagcgtttat ggatcgaact gccaggacga gcggaatttc   360

taatcatcgc agccaatata atccacccta cttttcattt tgacatattt gatgttggtc   420

gaatctcaat attgacttta gaataacccg aaaaacaatt atacgaag               468


<210>      2437
<211>      558
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220050b12a1

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ctgaaacagt gaaaaacagc aacaacgacc accctgtctt tgttttttgt ttgttgagtt   120

gaaactttag agaaagtgaa tagtgatatg gatgcaaagg gtgtgcggat cttagcgtat   180

caatcaatat tttcgagcgt tggatctggg gacttcgatg gggtgaagaa actggtggag   240

gaagtgaaga aggaagaagg gtcatcgctc tctgatgtga tgtctcttca gaacgatgct   300

ggagagactg cgctatacat cgctgcagag aataatctgc aagagatgtt cagcttcttg   360

ctcagcatct gtcactttga ggtcgtcaag attcgctcca agctgatatg aacgcctttc   420

atgttgctgc caagcgtggc aatctatggt ttttttttta tttttcatgg aataagttct   480

tcttacggat gttgctatta attcagttaa atcattacat atgatagaat ccgatagttc   540
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889

taatgtttca acagaatt   558

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<223>   Clone ID: jC-gmfl02220050b12d1

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aaattttcc ccccgaaaac ccccggggggg ggaaacccc cggggggggga aggcgggaaa   180

aaaaggggggc ccccccttt ggggaaacct ttaaaaaacg gggggggcca aaaacccccc   240

gccaaagggg ggaaaaccccc ggaaaaaaat ttgccccccc ccctttggggg ggggcaaccc   300

ccccccccggg gggggggcggg cgtaaaaaaa aaaagttggg gaaaacccccc aaaaacatta   360

caccaacggg aagggcccc   379

<210>   2439
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<223>   Clone ID: jC-gmfl02220050c01a1

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agctccaaaa actacacaca caagaattct gtttctttct gttgatttga tggatccgca   180

gatctaatgg tttcacacac tttcttcact acggatcatt gtcttcttca tctggggcac   240

cccaatagct tcttctaatc gatagtcaaa ttttgttggt ttgtggtgga tcatcttcgt   300

cgttgtggtg actagtgagg agtgcaggac tatacctatc tatatagtgt atgaaaattc   360

tggggggtga agtcgttttt ggggtagttg atagatgttg aaatccttga cggctgtttg   420

gtgaaatgag ggatgttatc ggggttgatg aacttattga gggcctgctt tcggccgggt   480

tcggatggat ctacacgtgc aggttcggat gccggtggta gacaggatgg actattgtgg   540

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tacaaggact cggggcagca cttgaat                                        567


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catcctccgt caacacctac tacaactgct ggtgttgctg ctgcctaaca tgtatcatat   180

tcactacaaa catcttagta ggagtagcct ttgacgaaca actccttctt ggcttcctca   240

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gtgttttgga gggctctggc atacgagaac gacacgtgcc acgggtttgg agattggttc   420

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ccagggacag caggggggaat tctcctgtga aggagcttga gggtgtaatc agcaact     537


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<212>        DNA
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<223>        Clone ID: jC-gmfl02220050c02a1

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gtttctggta ttaggagtta tgaaggagcc tactgccacc ccacaatgta ccaaagaccc   180

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actgctgctg ctcccattga acgtgttaag cttttgatcc agaaccagga tgagatgatc   420
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aaaactggta gactttctga gccctacaag ggtattggtg attgctttaa gagaacaatg   480

gcagatgagg gtgttgtttc ttatggagag g   511

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    <213>   Glycine max

    <223>   Clone ID: jC-gmfl02220050c02d1

    <400>   2442

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ctttaaatta aaaaattgca agggccctga ggggcccccg ccatacaaat agctataact   120

tttatgggaa tcttttaatc ccacagttta ttggacaaat tttgctttgg ggagtactat   180

aaattttaaa attttaaaaa ttcaatttcc tttctttaat tgactaaacc cattgggcat   240

tgtaacaaag ccatttgggc atgtaaatca aaaactggtt aaatttcact ccataaataa   300

cagcgatgag ggtcacaggc tggtgtaacc cctaattgga gaaaattgtt gggaaatgaa   360

gaacattacc agaatttgaa gccggaattg   390

    <210>   2443
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    <212>   DNA
    <213>   Glycine max

    <223>   unsure at all n locations
    <223>   Clone ID: jC-gmfl02220050c03a1

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accatagata atgtaaagtc caagattcaa gacaaggaag ggatcccacc agaccagcaa   180

cgtctcattt ttgctggcaa gcagcttgag gatggacgta cacttgctga ttacaacatc   240

caaaaggagt ccactcttca cttggtgctc cggctccgtg gtggaatgca aatctttgtt   300

aagacattga ccggaaagac aatcaccctt gaggtcgaga gctctgacac cattgacaat   360

gttaaggcta agattcagga caaagagggt atcccaccag accaacaaag gcttatcttt   420

892

gcaggaaagc agctagaaga tggcagaacc ttggctgatt acaatatcca gaaggaatct   480

accctncact tggtgctccg tcttcgtggt gggatgcaaa tcttttgcca gaccttgact   540

tggaagacaa ttacccttga agtggagagt tctg   574

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<223>   Clone ID: jC-gmfl02220050c03d1

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taataaatcg actaattaaa cccatgtttt tataatcaat tcggtccccc gattggatcg   180

ggggcaaacg cctacgaaaa gatcgcttgg atttcataaa gagtcgctta gattttccca   240

tggtttattt atccctattc caaaaatcac atttattaca agaaatacta taaaggattt   300

gtttttttat tctgactttt ttaatatatg ttgctatttt tttaatatat gtcgctatat   360

actgatattt gtatatattc aactgttaat gatagaatac agatagatct atctatttag   420

ataagaaaaa tagatcattt tacatgttaa gttctttggt tcgaagggta acacacaagc   480

gatcaatttg atctacttct ttatttctgc gtgaattgat gttagcaaca cggggacaaa   540

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ttacagaata tcattaagct tggagaagga cttttgaagg aaccagaaga tgttgttgta   180

gataaagaag ggactctcta tacagctact cgagatggtt ggattaaaag attgcgcagg   240

893

aataatggaa aatgggagaa ttggaagcat atagatagtc atactttgct aggaatcgca 300

acagcaaaag aaggtggtct cattgtttgt gatacttcca agggtttgct caaggttaca 360

gaagaagatg gttttagtgt tcttgcttca cacgtaaatg gttctcagtt aaggtttgca 420

gacgatgtga tagaaggctc acacgggaat gtatatttta gtgttgctag tacaaaattt 480

gatcttcaag attggtattt ggatgtgtta gaggcaagat ctcgtggaca agtttttaag 540

tgcaatccca catcaatgag actgtat 567

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gatacaaaat aaaattcgca tagaatgtca taagaaactt cttagctata tcctattcgc 180

atagaatgta ttcagccaag tttgttctcc acgatacaat aaaagagaag caaccaaaac 240

gagtatctta gcaatagcat agcattacag aagaaacgg aaaaaattgg tgcccaactt 300

cttagctata tcctatttgc tgctgttgct ggggaggttg gtaattcgca tacccaggat 360

aactgccata catattgggg tcctgtccag cagggggcata accataattt tcatagcccc 420

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894

atgaaggagc agagcctcag actgtattat ataagaacct gtggcttgag gctgaagctg   180

cactttgttc cgtctattac aaggctcgct ataatcaaat aaagattgaa atggataaac   240

attcatacca ggaaaaagag atggagaagc aatctaaatc tgaggttgtt ccgtctttga   300

gccagagtca gagttttgca actaaagtgc atcatccaaa ccctgattct tctgctgccc   360

ttaaatttcg tgtcttggat gcaaccaatc tggaggaact atcttgcttg aatatttcca   420

ctgatatgaa caagcctaat gcaatgacac ctgaaggaaa aggtggtcaa aaccttgata   480

gcttcatcaa taattatttt gttccctgct agacgatgag gcttgaagat atgatgagtc   540

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<210>   2448
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<212>   DNA
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<223>   Clone ID: jC-gmf102220050c05d1

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tcattacata cataattcag aaggaaaaaa aaaaaaacat aacaaaaaa aaagtgtccg   120

cttcagattt gatcgcattt ttcctattgc acaaagcctg cgcatttcat tcaagtttca   180

acagaagcgt aaaaattgca caagtgtctt agataaccac attagaaaat gaaaagggca   240

accaccaccc atcattataa taagtaaaca atacctacaa attgcactat tgcaaggcat   300

tggcaccagc cacaatttcc agaatttcac cagtgatctt agcctggcgc tccctattgt   360

acacaatgga caagttcttc ttcaactcaa tagcattatc tgtggcattg ctcatggcac   420

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<212>   DNA
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895

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acaaagtgca  tgtgctttgg  gaggccctta  acacctgggg  taaatcgagc  gtggtccatt     120

atatattttc  tttcttcttg  ggtcactttt  ctggtagcag  aagcttgctt  gatagcaggt     180

gcaaccaaga  atgcctacca  caccaaatac  cgtggaatga  tttatgctca  taacttctca     240

tgtgaagcct  tgcggaaagg  tgtcttcatt  gccggagcgg  ttttcgttgt  tgcaaccatg     300

attcttaacg  tatactatta  catgtacttc  acgaaggcaa  tgacaacacc  agtttctcat     360

aaggcaaatc  gggtgagctc  cactgttgga  atggctggat  atgcatgatg  gactatggct     420

gaaaagggta  acatattgag  tcttaatttc  agtggatatc  tctatgattg  tcactagcaa     480

aacggtgatt  tt                                                             492
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<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050c07a1

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ttttccgatc  gtgccaccga  ctctcaacac  tggactctca  tccaaagaca  tcaccatctc     180

acaccaccct  tcaaaaccaa  tttctgcacg  catttacctt  tcaaacatca  ccaattccca     240

gactaagaaa  ctttccatct  .acgtctactt  tcacggtggt  ggcttcttct  ttgaatccgc     300

tttctccaaa  cttttcagtg  accattttct  caaggtggtc  cctcaagcca  acattataga     360

ggtttccgtt  gagtacagac  tcgctccaga  acaccctctc  cctgcagctt  acgatgattg     420

ttgggactct  ctcaaatggg  tcgcattcca  ttctacttaa  gacaccaccc  tcaacaacac     480

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<210>      2451
<211>      378
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmfl02220050c07d1
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aatgtggagt gaagacccac acacagtaca caagcacaaa tgacggcacg gcaaaatcag   180

cacacaagac tcttccttcc tacagttcct gcacaacctc ccattaccac caccctcctt   240

atccttcacc cctgcgcacc ccgctaacgt gcgccaaccc cccgtttcct tttctaaacc   300

gtcctcctcg gtgctcccgc agcaggactc ggcgtcgtcc atctccgcgc cgtcgacacg   360

gtggcgcctt cgncgacg   378

<210>   2452
<211>   580
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c08a1

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agaggagggt ccctacacaa cacaacccttt caatgacgtc catggccact ttcttcgccc   180

aaacctcctt cccctcccac tctctctcca aaaccttcga tacccatttc gcccctgccc   240

cgaaagtcaa cgtctttgtg aacttcaggg cgaggaggca cgttggggtg cgagtttcga   300

acgcgctgat cgaaccagat ggagggaagc tcgtggagct tgtggtgacg gattttgaga   360

gggatttgaa gaagggtgag gctctttcgt tgccgaggat caagctctca aggattgacc   420

ttgagtgggt ccatgttctc agcgaatgat gggccacacc cctgaaaggc ttcatgagag   480

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<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c08d1

<400>   2453

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caaactaata aattggtcac aatggtcacc cttccattct tctatacatc gacttggcac   180

tctttttttat accgctagta gtcatcatct tcatttcttg acccaaagaa tctcctcaca   240

actgcagcgg cagcaccaag aaacataaac agaagaatag tgtcaaatcc accttcaacg   300

cctacagcta cactgggacc tggtgcaaag aatgaaaatg gagaccatcc ccagccaccg   360

taaaatggca caccataacc atagccatag ccaccaacta gcggaggtgc cactcgagga   420

ttaatataga tattggttct ggaatt   446

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<223>   Clone ID: jC-gmfl02220050c09a1

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atgcaagaaa tgttggcgtt attttttaaca acatctatga gctgcgtggc cttatatcag   240

gagaccaatt ctattctgct gattctctca ctgatagcca gaaggtttat gtagattcat   300

tggtgaagaa agcatatgaa aattgggatc aggttgtgga ttatgatggc aaatcactcg   360

tgaatgctaa aatttcttct gaaaatgaac ttcatgtgga gtcaattgat tatggtagtg   420

gtttagatca tcaactgcaa ctgccggtcc ttccagtgtc tgttccttct gaacagcaat   480

caattcaggg atacctgttg gaggttacaa cgataataat atagtaacac cgattccaac   540

ccaatctttg atttc   555

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<213>   Glycine max

898

<223>   Clone ID: jC-gmfl02220050c09d1

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aatatgcatc tacactactt tttcacattc aaaaagcttc ccaaaattcc cgttcccttt   180

aaacataata tgtaagggaa atttgaagtg gaatgtgtgc acttgtttta gcaaggcaag   240

caagagttgc aagacccatt tccagactcc tattaactga aaatgaagtt gcacaagtta   300

atttgatgca agtcaatcct gggatgtggc agaatattca aaaagaaggc gtttggatgg   360

agcagattgt aggagcactc gcaaacgact tgtaagcaga tagctcaatg tccattgcat   420

tgccatctcg gactccttca tttgcct   447

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<211>   486
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c10a1

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ccggcgccgg ttatagcttc tttctcagcg agaggaccca acggtttaaa ccctgagata   120

cttaaaccgg atttgattgc tcccggtgtg aacatcctcg cggcttggac cgaagctgtc   180

ggcccgaccg gtttggactc tgatacgagg agaaccgagt tcaacatcct gtctggtacc   240

tccatggctt gccctcacgt gagcggcgcc gcggctttgc tcaaatcggc tcaccctgat   300

tggagccccg ccgtcataag gtccgccatg atgaccaccg ccaccgtcct cgacaaccgt   360

aacaaaacca tgaccgacga agccaccggg aacagttcca cgccttacga tttcggcgct   420

ggccatctta acctaggaag agccatggat cctggtttgg tgtatgatat cacaaacaat   480

gattat   486

<210>   2457
<211>   489
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050c10d1

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gtacatatgg tttgcaagga taaatgtgag gggaaatgtg ctgatagctc cagtgaggct   240

catgaaatct ccaagaaatg gcaacagagc tgatacaaat gtgtttacag tcaggtagcc   300

acctcttacc aagactcgaa atgacaagtt cttgaaagcc agggcactcc ctttgatccc   360

atatttggta tccaaatact catacattgg acttgcaaat atatgcaatg caatgactga   420

ttgaagaaag ctgcaatat tggccatggc cttagcccaa actggaccat tcacatcact   480

catcaaata   489

<210>   2458
<211>   593
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050c11a1

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cagtttatta aatttgatgg ataacaataa ttggagacct aatcaaggca ctgaagccaa   120

tatggatact agtgattgga gaggtggact gcatcatgag tcacgccaaa gaattgttaa   180

caaaataatg gacacattaa aaagacatct tcctgttact ggtcaagagg gattgcatga   240

acttcagaag attgctcaaa ggtttgaaga aagattttt actgctgcaa caagccagtc   300

tgattatcta cggaaaatat ctttgaagat gcttacgatg gagactaaat cccagggctc   360

catggcccc aacttaccta caaatcaagg tggccctagt aataaacctt ctgatccagg   420

acttggtatt ccacctcaag ttcataatcc agggcagcaa catcctattc ctatgcccaa   480

tcaaccttcg aaccgtcaac agcttctacc tcagaacatt caaaatagta ttgcgtctca   540

accttcgaat atagcccaag ctcccatcca aatgttgggc agatattcca aca   593

900

<210> 2459
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<212> DNA
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<223> Clone ID: jC-gmfl02220050c11d1

<400> 2459

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gtaaattgta atttaaagtg agctgtcaca aagagaataa ctctggcaca gtgtcaagtc  120

atttctgatt gaaaacatca gaacttaaat actgctaagg accaatttgg tccatttgct  180

acataaacaa aatgcacttc tattttggaa tttcatcaag cgcaattaaa aaagaaattg  240

ggtctttcta ccagaacact tactcggctt caaataccta gacatgcttt aatttcaaat  300

gatcatagta tataaactat tagaaacaaa aaaagatgtt tatgtaaaaa ataaggtgg  360

aaaaatgaaa atggagccta tacctgtata tctatgtcag tttgtcctcc ttgagctcca  420

ccaagcggtt ggtgaatcat tatccttgaa tttggcaagc tatatctatt tcctttagtc  480

cctgcgctaa gcagaatggc acccatact                                    509
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<210> 2460
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<212> DNA
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<223> Clone ID: jC-gmfl02220050c12a1

<400> 2460

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ctagattcga cgattcccga agtgccttcc tcctcctcct ccttcttccc ctctaatcgg  120

atccaaatcc aaatccaaat ccagttcaaa gaagatgcaa tacaagaacc tggggcgatc  180

tggcctgaag gtgagccagc tctcctacgg cgcgtgggtg agcttcggga accagctgga  240

cgtgaaggag gcgaaggccc tcctacagtg ctgccgcgac cacggcgtca acttcttcga  300

caacgccgag gtctacgcca acggccgcgc cgaggaaatc atgggccagg ccatccggga  360

gctcggctgg aagcgctccg acatcgtcgt ctccaccaag atcttctggg gcgggcaggg  420

ccccaacgac aagggcctct cgcgcaagca cgtcgttgag gggaccaagg ccttactgaa  480

acgcctcgaa atggaatatg tcgatgttct ctactgccac cggccggata cctctactcc  540
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901

gatcgaggaa accgtgaggg ccatgaatca t   571

<210>   2461
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050c12d1

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gaagtgaagc tacacaacaa gttcattgct tcactcacat cataaccccc atatttattt 180

atttaggtaa taacacactc gacagtaaag ataaataaca acagaacata aaaaccagaa 240

gtacttatat ctccctcact tcatcttcgt tctcgtcctc actccagcag catttcagaa 300

tagacctagg agatgcacta ccatcgcagc cttgaacaaa tgtttggtac acaactgcac 360

cacctactcc aagctcttca gtgctcctct caccacagta gtatcctttg atgtctaagg 420

gaaatttatt aagtttctca ccatgcatgt caatgtgcaa agcaacagaa aactctgctg 480

gacaaaagca agctaaaatc ctttccacaa gttcacctag a   521

<210>   2462
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<223>   Clone ID: jC-gmfl02220050d01a1

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agaaagtttc gattttttcat tgattgggta taactgcaca aagaggttag tgaagcaatg 120

catagagcga tcgtgtttct cattcaccca cgattcctcc tcctcttcct tgtcctctca 180

attttcctca ttttcacatt ttctggttct actactacca gtggttttgc tacacctcaa 240

caggttgttg agatcattga ggagaaacca gaagaggagc ctgaaattac acacagagta 300

ttcttggata ttgatattga taaacagcgt ttaggtagga tagtgattgg attatatggc 360

aaagttgtac cgaaaactgt ggaaaatttt agagctttgt gtacagggga gaaaggcaag 420

agtgaaaatg gcataaagct tcattacaaa ggaacaccat ttcatcggat aatatctggt   480

tttgtgattc acggtggaga cattgttcat catgatggct aagggtctga atctatttat   540

ggcgggcacc tttctgatga tattttca   568

<210>   2463
<211>   592
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d01d1

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ataaagagtc ctctagttaa atcacaaatt acctctattt atttacatta ttgtgagcca   180

tcgttagcca tcaaattaca gtatacaaca atctcctcct ctccatgccg caccagctac   240

ccattctgta agatttatta ggttgctcaa agaaatgtg caaaaataat ttcagaaaaa   300

catcccttga tcaacaactt cttggatagg acggcgtttt cgtcaggcgc ctctgccaat   360

gtttacattt gacaaatgtt acatgcccag ctcaaaatgg acactttcat gtaatggaaa   420

acaaattgcg gaatcgttgt actctgcttg aacaaatgtt tgaagactgt gcctgttcgt   480

gagcacctga actcttcaga cgcaaggctc ttcttttcct tcttatccga aacaaaaagt   540

cttcggtatc taaaacatat gagaccctag atgaactgca agctatctta ca   592

<210>   2464
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<212>   DNA
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<223>   Clone ID: jC-gmfl02220050d02a1

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agttccagaa cgatatgttc gtctaaacca agatcctgtt gtatctgaca caatctctct   180

accacaagtc ccagtcattg atctgaacaa attgtttttct gaagatggaa ctgaggtaga   240

903

gaagctaaac caagcatgca aagaatgggg tttcttccag cttataaatc atggggtcaa   300

ccctttattg gtgcaaaatg tgaagatagg tgttcaagag ttcttcggtc ttcaaatgga   360

agagaagagg aaactttggc aaaaacaagg agagttggag gggtatggtc aaatgtttgt   420

tgtatctgag gaacaaaagt tagaatgggc agatatattc tacattaata cgctaccatc   480

atgcgcaagg aatcctcaca tatttgctag gaattcccaa ccattcagaa atgatctaga   540

gagctaatct ttagaattgt gaaaacttag catcgcaatc attaaactta tt   592

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d02d1

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atcacccttg tttacaactt gcaaccctct ttgcatatcg ttaataaaaa tacaggaggc   180

attttggtat cttttaaaac catatttaca caacatttga aaaatcattt agctctacca   240

aacagacctc cagatcatga tctgaatttg aaatggttta gaaatctcta atttcaatgc   300

cagcttctgc ttcag   315

<210>   2466
<211>   513
<212>   DNA
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<223>   Clone ID: jC-gmfl02220050d03a1

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tctcaaagaa aagttcaagc gcatgtgtga aaagtccatg ataaagaagc gatacatgca   180

cctgacggag gagtttctga aagagaaccc gaacatgtgc gagtacatgg cgccatcgct   240

ggacgtgaga caagacgtag tggtgatgga ggtgccgaag ctgggaaaac aagccgcaac   300

904

gaaagcgatt aaggagtggg gtcaaccaaa gtcaaagatc acacaccttg tgttctgcac 360

cacttcaggc gtggacatgc ccggagcaga ttaccagctc acgaagcttc tcggcctgag 420

gccctccgtg aagcgcctca tgatgtatca gcagggctgc ttcgccggcg gcaccgtact 480

ccgacttgcg aaggaccttg ccgagaacaa caa 513

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<223>   Clone ID: jC-gmfl02220050d03d1

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tacaaacatt ggttttaatg catcacttat ttctggaatt tcagaaacta gtccgtcgac 120

aaagataaat acttgctgtc aaaattctgt tacaagtgta aataaaaagg tttgagtagt 180

aatgttttcc atcatcttca tcatcctttt tctatatttg ccagcaacat tttaattgca 240

cattgaaaaa ttaagcaaat ggagaataat aaattaataa tactaccact tttcagctac 300

cttcattttc tttattaatt ggatctgagc tcacagttgg aagattcctt ctgtactgct 360

gagacgtcaa tctcctttcc aatggtgttt tcctcttgct tacaacaaat ctgttcaccc 420

ctttgcgcat aggcattatt gaaggaaaat cttcgtctgg aatctgactg agctcagaaa 480

tatccttaat ctgtgcgacg cgacggaacc a 511

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<223>   Clone ID: jC-gmfl02220050d04a1

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ccctctccga atgaaaactg gctatggtga gcgttcttcg gaggtaaaat gcgcaagttt 180

taggcttgct gtggaagcac acaacatccg agcctttaaa accattcctg aagagtgcgt 240

905

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ccaacaagct ttcttttatg ctagtgaacg cgaagtccat cacaacgaca tatttatatt    360

cggcatagat aacaccgtac tctctaatat cccatactat gaaaaacatg gatatggggt    420

ggaggaatct aatgaaacct tatatgatga atgggttaac aagggcgacg caccggcatt    480

gccagagact cttaaaaatt acaacaagct gttgactctt ggcttcaaga tgtattcttg    540

cacgaagatt cttgacaaat ggccgaacag aacaaaccta agaagctgg tttcacacat    600
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<210>   2469
<211>   521
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d04d1

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agaacaatat ggcattgccc cacaaatgtc tagcaaagat gtgactcaaa ttcatcgcat    120

gctgcagctt tctgctagct acgagagatg gatcttatac cttcactggc caccataaag    180

ggtgataatt ggagactcga gtcatggtgc ttgctgacct ccgttattgc tcaatttaca    240

atattgcttt caggaggaat aaaaaaaagt acaacaaacc aactgtactt caataatgaa    300

tcaacagaca agatttgacc caaatcatcc tatgacaata tctagtaact gaagaactgt    360

tatgcctaat cccgtatctt ctggactcca acccagcgag cataatccac ccacaatagt    420

gagcccagaa agtgtttcca gttctaacag caaagcaaac tgcgcttagc ataagtttgt    480

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<210>   2470
<211>   604
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d05a1

<400>   2470

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906

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agatgaagaa gaagaagatg atgacgacga tgacgattcc ttgagcatca gtgaggatag    180

tgacaagcct cgtaaggtca aacagctgca gttgcatggt cgtacaagga gagaaaccaa    240

actcaggtct gtgggtgaga tacaatcggg tctaagacgt agtaagaggg caactaaaaa    300

tcgtataaat taccgacaat gtgaggtatt agaatcagaa acagagttta tcaaatctga    360

gaagtctaat tcatcagctg atcactcaga tcccaatgag aatggtgaat acatgatgga    420

aagtgaagat tcagatgaca gtgataatga agaacaagat atgaaagtag atgacccttg    480

tacatattct gcagtagaag agaatgaaca aaaccagcct cctgaaaaat tagtagtcct    540

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ccct                                                                 604
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<210>   2471
<211>   455
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d05d1

<400>   2471

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aatttcaccc caacaggggg gaacctttttt aaaaacacgt ttcccaaccc atttaaaaac    180

caggccaacc cccaaatcca cccataatac ccccccaaac gcgaaccaat cgaaccacct    240

cccttacccc aagcgcccca ctgtccaacc ccccaaagaa accccggggt tctctcccag    300

acccgggcga acccttctca agaacccaac cacctgctga acccacttaa tcaccaccca    360

tcgaaactta cgcccccccc aatgactgct ccttagaccc cccacatcca aaaccccccc    420

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<211>   524
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d06a1

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caccaacggt caccttatct acaagctcgg aggtattgac aagcgtgtca tcgagagatt 180

tgagaaggaa gctgttgaga tgaataagag gtctttcaag tatgcctggg tgcttgacaa 240

gctcaaggct gagcgtgaaa gaggaatcac cattgatatt gctctgtgga agtttgagac 300

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gtttggagct tggatttcca aggatggaca gacttgtgag catgctctcc ttgcattcac 480

tcttggtgcg aagcacatga tttgctgttg gaacaagatg gatg 524

<210>   2473
<211>   383
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d06d1

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catttaaaca aagctggcct ttttgtcggg tttaaggccg ttctgtttga tggcttcggg 180

ggtttgcaaa gtaccctgtt ggagcctcct ttttttttgc cttggttgac ctcaagcaat 240

aatctccttg ggatttgtat tcgaaaacaa agccttgggg atctgctgta cggcaaaaca 300

ggcggcaaag tcaatgatca tgggggccgt aaactgggtt cggaaccagg actcctttttt 360

gaacagttgc aaccaacttt tga 383

<210>   2474
<211>   431
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d07a1

<400>   2474

cgcaaatggg agcaacactg accgaaaaaa gtacttttgc aacaaacatg gcaccaccat 60

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cgtttggtgt gctgcaacag catcatcatc atcaacaacc aaatgggcaa cccttcacga    120

accagtacat gcacagtggc caccaccacc aacaacaaga ggttaacatt tctactcagt    180

atagtttcgg tagtgcaaat gggatgggtg gagggagcgt tgggatgaac ggtgtggaca    240

tgttcaacgc tattttggac caaagcaagg ctttgtcgaa gatcatagag cagaacaaca    300

atagaagcag tagtggagga acaacaaatg gaggttcgag tagtgctatt aataacgttg    360

ctggaagtaa aggaagtggg gatgttatga ctcttgactt tttgggaata ggacgtggaa    420

gaagtggtag t                                                        431
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<210>      2475
<211>      389
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050d07d1

<400>      2475

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gtaaatcctt tatctaatga acagagttac cccctacaa tccccattcc agtgatgact     120

ccccgtgcca attcaattac attgcccctc atgcatacct tttacagtct ccactaatca    180

ttatatagca tctcaccagc agaaaggaaa gtctactgtc tggctgcgac aactggccct    240

ttcaccttga aagtggcttc ccagatttcc tcctcatttg caggaactgc agtaatctta    300

tttttaggat tctcatagca cattaatcct tcaacagctg gagaggtcaa acattcttga    360

gggaaagaag caagtgactt tgccacaag                                      389
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<210>      2476
<211>      523
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050d08a1

<400>      2476

gtcccatagc agctatggga atcgatctta aggctggggg taagagcaaa aagaccaaaa     60

gaacagcacc aaaatccaat gacatctacc tcaaattact tgtcaagctt tatcggttcc    120

ttgttcgaag gactggcagc aatttcaatg ctgttatact caagcgcttg ttcatgagca    180
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aggttaacaa gcctccaatt tctttgtcaa ggttaattaa gtatacaaag gggaaggagg 240

ataaaattgc tgtaatagtg gggactgtaa ctgatgatat cagagtatat gaagttccag 300

cattgaaaat tacagcactc aagtttactg agagagcacg tgcaagaata gaaaaggctg 360

gtggtgaatg cttgacattt gatgagcttg cccttagggc tcctttggga cagaatacgg 420

gccttcttag aggccccaaa aatgctcggg aagctgtgaa acactttgtt ccttgttctg 480

gtgtgccaca cagccatacc aagccctatg tacgagcaaa ggg 523

<210>   2477
<211>   371
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d08d1

<400>   2477

gaaaaaataa agggtaactt agggactagc aaagaatgta catgtcttat ccaaaagtgt 60

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ctgatacttt tgatcaagga caatggtaaa tttagtaaag aaactaaaat tgccaaaggc 180

cataaagtgg aatgttcccc ttgctgtgta ttcctttgga ccgcaccaaa atgctttact 240

aggctgtcta ccacaatggg gcccaaattc ttttaaggcc caaccttttt atacacctaa 300

ggtagatggg aatcactttc aattctggct ttccaggaaa gtttccacac cttcagtggc 360

cttaccattc t 371

<210>   2478
<211>   514
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d09a1

<400>   2478

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gagcagcaag atgtacaacc tgttcgtgaa gcacttggac gggaaaaccc taaccctcct 120

attcccctct tcgatcctct acgcgagttc catcaaggat cgcctcttcc aactcactgg 180

aatccccgcc caccaccagc gcctcgtcac cggctgtcgc cacctcaacg atgacaaatc 240

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cgctatccag tgctccccgg gggacggcaa catgtttccc tccgtgcgcc tcctcctgcg    300

cctcaagggc ggcaagggag gctttggctc gcttctccgt ggcgccgaca ccaaggccgg    360

ccagaagaag accaacaatt tcgacgcgtg ccgcgacatg agtggccgga ggctgaagca    420

cgtcaacgcc gagaagaagt tggaggaatg gaaggccgga gaagaggaga ggaagctcga    480

gaaggtggcc catgagtttc tcaagaagca gatg                                514
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<210>       2479
<211>       517
<212>       DNA
<213>       Glycine max

<223>       Clone ID: jC-gmfl02220050d09d1    .

<400>       2479
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acaaagcgaa caacaattga tcatcaacat ataaaaaata atcagaagac actcaatggt     60

acatggcaca cattgcaaca ccagatggtg gatgctacat aatacatatt attgtcttaa    120

aatatactac tacttaccaa cccattaagg ttcttcgaac cctatttaca atcttatttc    180

tagcagcaac acctgttaat tgaaactcac agttctcatc caagagaaat ctgtacacct    240

cccattcacg ctctgaagtt gaatgccgtc ctacttcagc cgagaaaaca caaattccaa    300

ctgttttgag agcaaatgtg acatcataaa aaactcgagg tcttcccatt ccagatagct    360

caactggatt agcgaccaac agttcagtat ctggtcctcg gtttgcaatg attactcgca    420

atggatgaag catttcttgt ttcaaacgag agcagagtgc actctgcttc tccggatcca    480

aaatcttttt cccatctttc tgctgaataa atatatc                            517
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<210>       2480
<211>       555
<212>       DNA
<213>       Glycine max

<223>       unsure at all n locations
<223>       Clone ID: jC-gmfl02220050d10a1

<400>       2480
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agcaatttga agaaatgact ttaaatcttt gtgtactgac ccccaatcga attgtttggg     60

attcggaagt gaaggaaatc attttatcta ctaatagcgg acaaattgga gtattaccaa    120
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atcatgcgcc tattgccaca gccgtagata taggtatttt gagaatacgt cttcttaaag   180

accaatggtt aacgatggct ctgatgggcg gttttgctag aataaacaat aatgagatca   240

ctgttttagt aaatgatgcg gaaaagggta gtgacattga tccacaagaa gcacagcaaa   300

ctcttgaaat agcagaagct aatttgaata aggcggaagg caagagacaa acaattgagg   360

caaatctagc tcttagacga gctaggacac gagtagaggc tatcaatgtg atttcataac   420

aagttgatgc gtncgaatat cggaataact aaaaaatgga aaatgaaaca gtaagaatag   480

atagaataaa aatataagat gagtagaaaa acttattaga tacccgagtg aatggtatct   540

tataagttct aacta   555

<210>   2481
<211>   528
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d10d1

<400>   2481

aatacaaaat tcaacgatct tcccatacat agaaattgaa gatttttta cagtaccaaa   60

aaacttttac gctgtcaata aattctaatt acattcaaaa acaaaaagga aaagcactag   120

ccacagaaaa aaacaaaagg aaaatagtaa ataatttatt ttaacaaata agtaaataat   180

taaattaaag atgagtttct aataatgata ctcaatttct caaacaattc tgtgctacca   240

gatgaagaca ttcaacacat tttaaagttg agaaggtagc acagggctgt gtaactgcct   300

gcagtcttga gaaaataatt gcaagagtga tccctatctg ttccattcat tgtctgctcc   360

atatctgggg ttggtactat tcacttgact atatacctct ggctttatgg agtttccaaa   420

ggcattccaa cctagaaggt atggcatgat acaattgaaa agtgacctta aaacttctag   480

gtctgccctt gtaacaggga gaaagatgct ttcctgaatt cccctcat   528

<210>   2482
<211>   468
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d11a1

<400>   2482

caattgtgtt gcctcaggca gcgcatcagt taaattttga ttgagacaat aattagactt 60

gtgtatgctt attgactttt tttttttta aactcagccc aaaggaaata ttgttggcat 120

tattttctta tgaaaaaaaa tctatatcaa ttccatttca ataatgtaat acataattat 180

aaataaaaat accaaataaa aaataaaaaa aaaaaaaaaa aaaaaaaaa aaaaaaaaaa 240

aaaaaaaaaa aaagggggggc ccccccatat aggaaccctt ccccccggaa attattcccc 300

ccccggttcc tggggggggtc cccattttcc tttaggggggg gccttaaaaa attggggata 360

ataaggggaa taatttttc ccggggaaaa ttttttttccc ctcaaatttc ccccaaaatt 420

ttatgccccg agattaaaag gttaaacctc ggggggtccca aagggggg 468

<210>   2483
<211>   256
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d11d1

<400>   2483

cttacaaata tttataaatg aattgaattg aatcaccact gtcaaaagta tactacaatc 60

taaaagctaa aactagcgaa taaggcccaa gtactatata tgtacaagaa caaattaatc 120

ccaaataact taaaaaaata tataaaaaaa cactgaataa tttttttgga tctatggatc 180

agtattgagg gatttcaatc ttgggtatgg tcaaattgaa acgggacttc tcagcaaggt 240

tcttcgtcga tgacga 256

<210>   2484
<211>   616
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050d12a1

<400>   2484

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atcctcctgc agcgccgtcg tttcctcaga tccgtggctg taatgcgaaa gtcgttggag 180

gcgaagcagc agcatccgcg gattaggaag atccttcttc ccaattcgtt atcctagtta 240

913

gggttagggt ttcaataatc attcccaaga aatgttcaag cgaatcatga agggagggca   300

gaagaagccc tccaagacgg acccgagcga tccgtcgccc ttggctccgg cggcggcggg   360

tgcggcagcc gctccggcgc tggtggttcc tccgtcgtcg ggcaccatag agcctctgcc   420

tctcttccgc gacgtggcgg tctcggagcg gcagaacctc ttcatccgga agctccagat   480

atgctgtcac gtgttggact tctccgacac gctgaaatcc gttcgggaga aggaaatcac   540

gagacagact ctaatggagc tcgtggagtc atccaatccg gtcgagaaga taccgagact   600

tgccggaaga gatgat   616

<210>   2485
<211>   503
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050d12d1

<400>   2485

aaaggaaaaa aaataatccc atttctttgt agtagacgtt tatttcaaca atgaaatcct   60

tttgtctaat aatattcaaa taatctaaca tcaagggatg aaattgctct attgcttgca   120

cgtatgcaat gctcaaacaa ccttggtact atagtactac caacaaacca aactatgcag   180

cattttaggt gcctccatca tatatattag gacaataaac ggcccaaagt gctgtagcag   240

aagcaatatg agttctttcg tacaaacgag tataatcaca aatgtgcatc taagatctat   300

gaatatgagc aaagaactgc attttatgat gcacataaac agcatattgg catcttacac   360

tagcagtagt ttctttctag ggattgcgtg ggttaatcct atactagtta gtatacttgg   420

gaggcaacta tgctgtacag tgcaatgttt aaaatatttc tcatttggta tcttcattat   480

cagattctat gcttcctttt tct   503

<210>   2486
<211>   375
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e01a1

<400>   2486

gtgtggtacc ctgacccgaa ctagttgccg gcgccgcttc acctaccgca acacccatga   60

914

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tcattcccga gccgaacctt gtagtgatct gtaatttcgt ttttgaagat ggagtaaggt    120

gcgctaagaa agacttctgt ctggcagatc gcccatagat tgatgtgcca tatctgcacg    180

tgatgaagct gatgcagcgc tattaatcca gactagatct cgagggacac atttccgtgg    240

atgcactatt cctggtggct gaccaggcga cggaaacgag atactcatga catacctgaa    300

ccttccttac gaaataggcc ctgccacttg tgacaatcag gccgagcccg ctggacgacc    360

attctgcggc ccacc                                                     375


<210>      2487
<211>      554
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050e02a1

<400>      2487

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atgaaaactc gtgtgattgg gtgccctaaa accattgatg gtgatttgaa atgcaaagaa    120

gttcccacaa gttttgggtt tgatacagca tgcaagatat atgcagaaat gattggcaat    180

gttatgatag atgctcgatc aactggaaaa tattaccatt ttgttcggct tatgggacgt    240

gcagcttcgc acattacact ggaatgtgct ttgcaaactc atccaaacat tactattatt    300

ggagaagagg ttgctgccaa gaagatgaca ctgaaggatg tcactgacta cattgttaat    360

atcatttcta aaagagctga ggataattat aactatgggg tcattcttat ccctgaaggt    420

ctaattgatt ttattcctga ggtccaacac cttattgcag aactcaatga aattctggca    480

aatgacgctg tggatgaagg agggctatgg aagaagaaac tcaccgatca gtcattaaag    540

cttttttgaat ttta                                                     554


<210>      2488
<211>      537
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmfl02220050e02d1

<400>      2488

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tttggaaaca cagtagatac atgggcaacc acgtccattt accagaagat gcagaagcaa    120

tacctaccag ctctgatcta actgtgaaat tacgtcaaca tgataccaaa catgctaaaa    180

ggcaaggaaa ggaaacaaag aaaacaactg aaattttttg acattagatc atcagattca    240

cttcgaaaag tgaatgcatc cttaccaacc aagaagcaat acctttaaga gagccatcct    300

aatatataga ccattctttg cctgcctaaa gtaagcagct cttggatctc tatcaacttc    360

cactgtgatc tcgtcaagtc ttggaagtgg gtgcataacc acagcatgtt tttgcatcgc    420

atctagaaca tcttgattta caatatactt gcctcttgcc tcctcataaa gttcaatttt    480

ctctctaaat ctttctttct gaatgcgagt tngataaacc acatcgcact tagaagc      537
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<210>   2489
<211>   554
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e03a1

<400>   2489

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actttctgcc ttctacacct cactcctacc ttcagccacc gctcaagtcg tggttgacat    120

ggaaggtaat gatcttcaaa atggtgggaa atattatgtg ttgccagtaa tagagtcatc    180

atatggtgga ataagagtag ccgcaactgg aaaagaaaga tgccctctca ctgttgtaca    240

atctgccgat ccgtatgata aggggattgc aacaattatt tcaacccat atcgagttcc     300

tgttatccgc gaaggctttc ctttgaacat tacgttcggt aattttgcag ttatactgcc    360

ttgtgtcccc cttcgtactg agtggaccgt cgttaatggc caaccagaag acccgcagt    420

taaaattggt tcgcccccaa atgcagaaaa tggttggttt gaaattgaga aattggtaac    480

ttcgggctat aagctcgtgt tctgtacgct gcctgagcgt agctattgtc acgatattgg    540

gattcatgtc gatg                                                      554
```

<210>   2490
<211>   543
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations

916

<223>   Clone ID: jC-gmf102220050e03d1

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ttcaaaggag tgtaaaagag ggtaatatat attttacaga atttccgaaa gagcagaaaa   120

aaggaagtaa agacaagaat gacttgtgac tcaaatcctg gaagggatca taggaatagt   180

gtcctgtaag tatgcactgg cagcagcaac tccacttcca agctttacag gatagcccac   240

atctttcagt atcatctcca caccagctag acatcccaac agttgcaact cattcaagtt   300

gccaagatgt ccaattctga aaaccttccc agcaactttg ttcagtccaa gacctaagct   360

caaattgtat ctcttccatg cccttctaac tatttcagta ctatcaatgt aagcaggaac   420

aagaacagca gtcacagtgt cactgtacca ctcttncttt tgggtgcaat tctttaaaac   480

cccatgcctc tacagcaagt ctgggttgct ttgcctaaac gactgtgtct tgcaatcaca   540

ttt   543

<210>   2491
<211>   530
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050e04a1

<400>   2491

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tcaaattgaa actagctata gatatggcca attcccttaa taaccacctg tttgttgtag   120

tatctattct ttctctctta gccttttcta gcaacgcaca actatctccc accttctatg   180

ccaaaacttg ccccaacctt caaaccattg tgcgcagtgc aatgaggcaa gctgttgcta   240

aagaagccag gattggtgcc tctattcttc gcttgttctt tcatgattgc tttgtaaatg   300

gctgtgatgg atcaatctta ttggacgaca ctgccacctt cactggcgag aaaaatgcag   360

gacctaacag aaaattcagcg aggggcttcg aagttattga taccattaaa accaacgttg   420

aagcttcttg caatgccacc gtttcttgtg ctgatatcct agcacttgcc acaagagacg   480

gagttgtgct gctaggagga ccctcgtgga gcgttccact tggaagaaga   530

<210>   2492

<211>	510
<212>	DNA
<213>	Glycine max

<223>	Clone ID: jC-gmfl02220050e04d1

<400>	2492

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ctaagatacc tttcaaacct tttgttttcc tgaatcgcgc cctcaaacct tatgttaaca	120

cttcctataa gaaagacaaa agtaatggtt aaaaaagtaa gatttgcttg cataattaca	180

ctatatatag gagaaggaat ttgctcattt ttttctataa tactcttaat taattactat	240

ttttttttcta taacatttaa atcttatttt tataaaaata tatatatata aaatttgaa	300

gttaattaat tattgttttt atagggtatt ttattgatgt tgtttgctga atggggtgat	360

agaaaaaaca gacatatcta attttcttgg cttggtaact aactgagtaa tcaatatatc	420

tcaagccaat tttatcaatc tgcaatacat atgttgaaag tgggtggaag tggattgttt	480

atgaagaaaa caaaactttg cccaatattt	510

<210>	2493
<211>	607
<212>	DNA
<213>	Glycine max

<223>	Clone ID: jC-gmfl02220050e05a1

<400>	2493

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tagatgaagt tcaacatcgc gaatcccacc actggatgcc agaagaagct cgagatcgac	120

gacgatctga aactgcgagc attttgggac aagaggatct cacaggaggt catcggagat	180

gcactcggtg aggaatttaa gggctatgtc ttcaaaatta ccggaggttg tgacaaacaa	240

ggatttccaa tgaagcaggg agtgctgact cctggtcgtg ttagactttt gcttcacagg	300

ggaactcctt gcttccgtgg atatggaagg cgtaatggag agcgttggag aaagtctgtt	360

cgtgggtgca ttgtcagccc agacctctct gttttgaact tggtaattgt gaagaaaggt	420

gagaatgatt taccaggatt gactgatgtt gagaagccca ggatgagagg cccaaagaga	480

gctttcaaat ccgtaaactg ttcaacctgt ctaaggagga tgatgttagg aagtatgtca	540

acacctaccg tcgtacattt acgacaaaag ctgggaaaat gtgagcaaag cttcaagata 600

caagact   607

<210>   2494
<211>   505
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050e05d1

<400>   2494

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atttcatatt aagtaataat tgcaaataca atagaatcta ctgaattggt ctttaaacaa 120

ttctagccaa actcaattca tcgttatgtt cttcagctgt ggtcacaaac acattctatc 180

atagtatgta agcgttcttc gatccttttc ttgtgccaat aatacatcca gtaccatgac 240

ctttggtatt tatgcatgca aaagcctcaa gctaattcaa gccaagcacc atgacaaacc 300

tcgacacaat tagagagttt attatgccct acgttttttt ccactccatg atgaaccagg 360

ccacgatagt ttgggtactt gttccttact cttgttaact agtctttgtt tgacttgttt 420

tttaagaata aggtttcgag cttgtttctt cttatcttct gccttcattt tggagagact 480

gggcctgtat atgatgagag ttcga   505

<210>   2495
<211>   581
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050e06a1

<400>   2495

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cacttttcag atccgagatt gagctccttt acccatcatc atcatggagc tcctcgggta 120

cctgaatcag ggtcacccct ctagaggaac aacacttgtt attactcttt cattggtgct 180

ttcgacactt gtgtccttct ccactttcac acatgccttc tcttcttctg cgtttccgga 240

actgaatcct ataaaaccta ggcactcacg tcttctcagg agtgccgtgc aacatgaaac 300

tcctacatca cagctttctg aaatatggtc acctctggaa agccaaggat ggaaacctta 360

919

tgttgaatca aataagccaa cattaccaga gaagtccgag ggatatatcc aggtctttct   420

tgatggaagt ttgaaccaac aaaggatggg gatatgtgat gcaattggtg ttgcaaagat   480

actggatgct actctggtga tccatacctt ggattaaatc ctgtatggcg agattcaagc   540

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<210>   2496
<211>   293
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050e06d1

<400>   2496

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actttgaaat ctaggggata ataatgggaa aggtttatag ggaacctgaa acccaataaa   120

aaccggaaac ccaagcctta aacccatgga catttaacac tacaattccc gcggggggac   180

attgaaaacc ccaaatcatt gggaataaaa gggggtttaa caatgcttta ggaaacaccc   240

cttagaaacc tgggttccaa aaaggcctca aaaaatccaa gcccctccta aaa   293

<210>   2497
<211>   495
<212>   DNA
<213>   Glycine max

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taagaaaagg taacgaagat aaaatacgag cttgttttat agcaattgtt attaatcgtt   360

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atcacacgca ttaacacctt tctttcaaca cattctccct cattggtaaa acccataatt   180

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gccaaatata atgcagatcc agttggtgat ccaggataag ctgaacttct taggtttgta   300

aatagcaagc cagataatac aggggagaaa gtatgttgtt ggcgcaaatg caaatcctcc   360

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gtggcgggag atcctctcgc agcttctggt gtactttctc gtagaggatt acaccaatta   180

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tcaatcaaaa accctcctct ctaaccgtca gagcctccgc agcctccatc actccggcga 240

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922

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aagagaagac agtatacaaa gttgatttat atttgaagat gccatatgat tcaccctgtc   180

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caagaatatc ccatcaacca cccttcaacc aaccaagctc aaagtcccaa cccaagcctc   180

atccctcaca cacctttctc tctccaccac cactcctcct ccttccaaaa cctccttcaa   240

atccaccgtc tccgccaacc ccctccacgc ccctctctcc ctcgctcccc accgcccccg   300

cgacccttcc aacgccgccg ccctccgccg cgccgccgtc gtctggttcc gcaacgacct   360

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gtaaagacaa gaatgatttg tgactcaaat cctggaaggg atcataggaa tagtgttctg   180

taagtatgca ctggcagcag caactccact tccaagcttt acaggataac ccacatcttt   240

gagtatcatc tctacaccag ctagacatcc aacagttgc aactggaaaa tatttaaaga   300

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tgaaaaaaag gaacagaccg gggaaaaggg acaccccaaa aagggccgc ccggggggggc   180

ccccgcaaaa aacaaaaagc gattgtcaaa acgctcaaac tgcgggggaa aacaaacagg   240

ccggggggaa aaggcttgaa aaaccccttc gcaaaaaaaa acttcctcgg gcccaaaagg   300

gcgggggggg gctccaaccg aaaaactttc cagggcccgg gggcaaacaa aacgtgcttc   360

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925

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aagtgtacgg ctcctacgag tcccttctgg aggaccccga cgtggacgcc gtctacatgc     240

cactccccac cagcctccat cttcactggg ccgtgctcgc ggcccagaac aagaaacact     300

tgcttctgga aaagcccgtc gcgctcgacg tggcccagtt cgaccgcatt ctcgaggcct     360

gtgaatccag tggggcgcag ttcatggata acaccatgtg ggtccataac ccaaggactg     420

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cctgagattg cagatgatga tgactttgag tagcgttcaa gcaatgatag taccttggca     180

gcttttctcc taaggtgtcc atccccatat atattcatgc cagtgagacc aattaaacgt     240

gatctagctg ttgttccata gtattctacc atttcctttg acacaaacac cttctccaac     300

agtcctagag cttctgcctt tagagaatca gttccccagt tcaaaatgtc cattatggac     360

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aatgtggaga gtgtttgtat tgcttcacaa gcagttgcat gaacctcccc atgtaacagc     480
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aattgaatgg atgatgctca ttttctatca actaggattt tcttgattag atggtatttt   480

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cagaaaagct tctgtagatg ttaagatcca agtgtaataa attccaaact aacgaaattc   180

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gactaacttt aggattcaa atcagtaaca cattctattt gtagatccac tcgttggaac   300

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ttcccctgct acaaccacat tcctcggttc attcttgtca tcctggtatt cagactcctg   180

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ctaacctgtg agtgaggggt tggatggaac agttaataag aaactgtgta gaccgaggaa   360

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cacatggaaa taggaccgcc taactctttg   330

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ttcataggat ttcaccattt tatcgcaaca ttttaacatg aagcgggaat aaaggaaatc   480

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aaacaagatt atgatgagct acttggactt tggtgaggtc gaggtgatga atttggagat   180

ctggatcttg actgggatct gcaaaattta ttaattaaca aaactcaatt caatatccac   240

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ccaccacaaa tcttgagcag catccaagtg gaaaagcaat tgaacccagt atcacacgtc   360

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tgggacaacc taccttgaac cgtactcatg tactattcaa atttcatatc ttcccctgaa   360

ggatacttcc acacagttat ttgcaatgca caagagttca tgaacacaac tgtgaacagt   420

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cttcgtccca ttccagtcct tcagcctcag cagccttctt ccacctctcc accggctcag   300

tcacaggctc atactgcgca ctgaatgccc ctcgaaacgt gccgtagtgc atagcgatac   360

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<223>   Clone ID: jC-gmfl02220050f09a1

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tatctctttt gttaaaatat acttttcttc ttgttttgtt ttctcgttcc actaattgca   240

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aattcgctgt ttcgtatttt agtataacct tgtcggtgac aatgatgcaa atgcgatata   360

gcctatggtg attttttta atttatttgt gacattgtag ggtttggttg gcattgtaat   420

tgattttgtt tgtgaagatc tgagtgaggg gttaggcaaa tgacgagtgg tttggtgaat   480

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atttctcatt cttgaattac ttccaattcc aaaggtagtc ttgccgaagt caatccacta   180

ggaatagtgg aagtggatga gtgaaatgga ttaggaggaa cagttaatag gtcttcctct   240

934

ttactttcca acatttgtat gacagatttt atggatggcc ggttcaatgg ctgccactga   300

atgcaccaaa gtccaacaat tgctagtttt cttgcaattt aacatcacc ttcatcctca   360

acatggatat gtacatctcc atgaactagg tcatgcatcc aatctgggta caacacatgg   420

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accatctagg gtgagaaact tgtttcagga agcaagacag tgttcaccta gtatcatatt   180

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tgatgaacgt gaaagtactt aaatcagct gttggtggag atggatggtt ttggaaccac   300

ttctggagtt gttgtgttgg caggaacaaa taggcctgat atcttagaca aagctcttct   360

taggcctggg cgatttgacc gccagataac aattgacaaa cctgatatta aaggtcgtga   420

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caggagcaat atttcgcatg gtaaagtcaa agtattaact acggaaaacc tagat   175

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<223> Clone ID: jC-gmfl02220050f11a1

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cacctccggc aaggcccttc ttctcttcaa ctccaacaaa tccctcctcc tctccaactc   180

cagcaaacgc ctcgacaccc cgaggaaaaa atatgtcaag caagtcaccg gccgccataa   240

cgacaccgag ctccacctcg ccgcgcagcg cggcgacgcg gcctccgtcc gccagatcct   300

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caggtccgcc atctttaatg aggtgaatga gctgggagaa accgccctct tcaccgcagc   420

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cattaataac ttgattattt ttaaataata gtagatagaa acaacactcg taaggagtcc   240

tattgaaact aagaaatata agcctgcctg ccatccacac cagaataaat aaagttttcc   300

gaaaaaacct gatagtggag gaagacctcc taaggataag agacataggg ctaaagagag   360

agccaaataa ggatctttcg cgtataatcc tgcataatct cgaatgttat cagttccggt   420

acgtagacca aatgatacaa tgcaagcaaa agttcctaga ttcatcgaga tatagaacag   480

catataagtt atcatgcttg catatccacc atttgagtct ccaacaatta tatcaataat   540

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936

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atgggagagg aggaaaacaa accagaggaa cccatggcaa aggagaaaaa cccagaggaa   180

gaagcaaccc aagagaaaaa accggagcaa gagtccaaag aggaagttgc tgctgctgct   240

gctgctccgc caccgccacc gtcaccgcca ccgcccgaga ttgtgctcaa agtgttcatg   300

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ttttaaccca ggggaacccc aggccccggg ggggacccc caaagggaaa aggggagg    240

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cctttggggg ggggggcccc aattcccccc ccggggggtc ccacaaaggg ggcaaaggga   420
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taacgttgtt gttggtgttt gtttcttctt ttccggcgtt gagctacgga gttgttcctc   180

ctcgtactct gctcaataag ctgtctcagg gcagttatct caccactcag gagcaatggt   240

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aaggtccatg taatgggata acaaatgact atattggtgt actggcaaag aagtttggag   420

cagctatggt tactcttgaa catcgctact atggaaagag ttccccattt aattctttgg   480

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acacattcta gagaaagttc cctttccaat cacaattgac tctgcattct caaaactgat   300

atagaacacc atgcaagaat gaatgatgga aaccatctta tggcaaaaag aatgggtaca   360

aatatagaga ccaccaaact ggaaaaagct tgttcccaaa aagagcaaga caccaactgc   420

caagccagat gctatgaaga aatgatggat atgcagcaaa gcaatgacaa ctatgtagaa   480

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aaacaacttg tggaacactt ctctatgaac ttcagataat atgggacgaa gttggggagg   300

ctgagtctga cagagataga atgctgtttg agcttgaaca agagtgtcta gaagtatacc   360

gaaggaaggt agatctagca aatcggtcta gagctcaggt aaggcaggca attgctgatt   420

gtgaggcaga acttgccgcc atttgttcat caatgggaga gagaccagtg catattcgtc   480

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tggcattcca ccactttgtc ttctgcagtt gcttctttgc tcattccttt ctcttccatc   360

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ccttgatgca taattaaatt gttctattga gtggtggcaa gtcaaaaagg tcttggcttt  360

ttcgtaagag aatattgctt tttttagtaa gattatatat ggtgttggtg ctatatttaa  420

attaaagaac cctgcaaggc cctgtgtgct tcttggttca gcattgccat tatcttcttc  480
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ttcttcttct tgttcttctt ctcatggctc ttatgttagg ctttgatccc tggtcccat   539

<210>   2544
<211>   129
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g06d1

<400>   2544

atctcgcatt aaaacagcac tagattgtca tgatcatcaa ttaagtacaa caagaaagtt   60

tcaagagaaa acacaagccg gactgcagca gcatatattc actaaaatac tgatactagc   120

acataattt   129

<210>   2545
<211>   565
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g07a1

<400>   2545

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tgagtaattg aaagtgcttt gtcctttctc ttgtcgagcg aatgaccttg aatttcccgc   120

atatgtcacg ggatagagcc tgacgaaaac tagcaaggag ggaggttttc agtattttct   180

ggacaagctg caggatgcct tctgaaatca tggagaagag gggtgcttct gcctcatctc   240

gctttttgga tgacatttcc tatgtttctg agaagaatac tggattacga aagccaaaat   300

ctatccatga ccattttcta caagggaaga gtgaaatggc ggcatcacct ggcatcattt   360

ttaatacttc gtcacccctt gaaacaaatt caaaaacagg cttgtcaatt tctcagacta   420

ctctatctcg ggaaattaca gaagacctac attttggcag agaaacaggc aatacagata   480

tgctgaagga ttccaccaca gaatcattga attatcacaa gagatcatgg tctaatgtgt   540

ataggcagtc agcttctggc tcata   565

<210>   2546
<211>   261
<212>   DNA
<213>   Glycine max

944

<223>　　　Clone ID: jC-gmf102220050g07d1

<400>　　　2546

gggggaaaag gaaggggttt ttcaactttt gggaggaaaa aacctggaat tttaacccca　　60

aaggcaaccg gaaaaaggtt ccaaaaaagc cccttttta ggggccccgg gaaaaaacaa　120

aaatcccaac cccaaaaaaa cctggggggga aatctggggg gcgaaaaatt attttacccc　180

ccggcgtttt cccaatctcc aaatttctac ccaaaaaaag ggtgggattt tcgccggacc　240

cccaaagggg atccatttgc g　　　　　　　　　　　　　　　　　　　　　　　　261

<210>　　　2547
<211>　　　493
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: jC-gmf102220050g08a1

<400>　　　2547

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tgcctctctt tgctttcctg gctctttcag aagatgttga acaagttgtg gacataagtg　120

gcaacccccat tttcccaggt ggcacatatt acattatgcc atcaacttgg ggcgctgccg　180

gtggtggatt gaaactaggc cggacaggaa actcaaactg cccagttact gttttgcaag　240

attactcaga aatcttccgt ggcacaccag tcaaattcag catacctggg ataagccctg　300

gaatcatctt tacaggtact ccacttgaaa tcgagttcgc agagaaacct tattgtgctg　360

aatcctccaa atgggtggcg tttgtggaca atgaaatcca aaaggcatgt gtgggtattg　420

gtggtcctga aagtcatcct ggtcaacaaa catttagtgg cacatttagc attcagaaat　480

ataaatttgg ata　　　　　　　　　　　　　　　　　　　　　　　　　　　493

<210>　　　2548
<211>　　　377
<212>　　　DNA
<213>　　　Glycine max

<223>　　　Clone ID: jC-gmf102220050g08d1

<400>　　　2548

gaaacacaat ggtacacgca aacataaata tttaaaaata taatttgtcc cgataaaact　　60

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tcaattcacg gtacaaaaac agttccgtac gattttttg aagataaacc aaggtcaaaa    120

tactacaatt ttttgaaagg gaagaaaata agaaaaagca ggtggcgaaa acagaactcc    180

atttggtaat taaaatattc tgatcaggaa gtagcatttc attataaaca cgccaattgc    240

attaggtcct taaacttcag aacttaaaag aaacgccagg ccaggtataa aagactgatg    300

cacttatggg ggatctagtg ccccatgtag ggggcgattt caccaccata ctggcctttt    360

ccagatccac cctggcc                                                   377


<210>      2549
<211>      507
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220050g09a1

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tttttatttt atgcttttttt ctccgatgtg actggcgttt gtttggtgtg tttttcgtgt    120

gcgtcgaacc ctctgcgttc gttaattttg ttttgtgttt tcggatcgac ttgtttcgcg    180

ttcggttgcg gggatcttcg gtttaggtaa atgagtggta aatgagtggt ttttgagcag    240

aagcagttaa aagagaaagg gattcagcga agatgacatc ggttggtgtg gcaccaactt    300

cgggtttgag agaagccagt gggcatggag cagcaggtgt tgatagattg ccagaggaga    360

tgaacgatat gaaaattagg gatgatagag aaatggaagc cacagttgtt gatggcaatg    420

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agactataag ctacatggca gagcgtg                                        507


<210>      2550
<211>      487
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmf102220050g09d1

<400>      2550

cccacggaaa tctttgaacc atatgtcaag ttatacacgc acaatttttt tgaactttga    60

cagaagaaat gcagtagcat cacacctata atttccttt cacaaaaggg aaaaaaagcc    120
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946

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aaaatcactc gtgctaaatg atatagaagc aacaactaaa acaacagagt gacaaaagaa    180

tacaaaaaat aggattaaat tgaatcaccg cacttgccac atgcatctaa ctgttgaagg    240

gcagaaagaa agcagcgcat gctctgaaag accaaatagt ttcaaacaca tgttctgaaa    300

gacctgatga aatgacttga ttaccaaaaa ttgtggccta tgcagcagcc actgacggtt    360

cctttgctgt caagtttgaa acagccaaat gaaatttttc tctagtttta gtacttgcaa    420

catgtncagc ctttgccacc ttgctaaaag cactcgtaaa ccatgctgtt ccagcagtca    480

catatct                                                              487


<210>        2551
<211>        412
<212>        DNA
<213>        Glycine max

<223>        Clone ID: jC-gmfl02220050g10a1

<400>        2551

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attactgtga caaacaaaca ccagaaagaa gtctttctgg aaagcataac aattgaagga    180

tttgctagtg gaccggttca tttcccctgc aattcatggg tacaatcaag aaaagatctt    240

cctggaaaga ggattttctt ttccaataag ccttatttac ccggggatac acctgctgga    300

cttagattat tgagggagaa agagctgaga aatcttagag gtgatggcaa aggagttaga    360

aacttatctg acagaatata tgactatgat atatacaatg atttggggaa tc           412


<210>        2552
<211>        509
<212>        DNA
<213>        Glycine max

<223>        Clone ID: jC-gmfl02220050g10d1

<400>        2552

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aatactttcc ttcccatgca aaccagaaat ctctattgga tgttgtttaa atgctagagc    120

cagtcatgat gattcacacc atgaaagaat acaagcatat atacatatgt catatgtata    180
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ccactaatgt atgtacatat acatatgcat atggactttc atatgatttt taccaaacaa 240

aagaacagct aactaacaaa attgggtcat gagtctcgag aaaagccaca tgacatcaag 300

tgggtgattc cgccagaaga agagtatgcc accagccgca tgcaacgttt ttagctacac 360

aaccttcgat ggtaacttca gaagggatgt tacggtctat cacgtcccca aggccaagct 420

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gacgagcccc acaagatatc ctctttaca   509

<210>   2553
<211>   556
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050g11a1

<400>   2553

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cctttgacat ctcgtggctc tcagcaatac agagccttga gtgttccaga gctcacccag 180

caaatgtggg attccaagaa catgatgtgt gctgctgacc ctcgacacgg ccgctacctc 240

actgcctcag ccatgtttag aggaaagatg agcaccaagg aggtcgatga acaaatgatc 300

aatgtgcaga acaagaactc ctcatacttt gtggaatgga ttccccacaa tgtgaaatcc 360

acagtctgtg acattccccc aaccggcttg aagatggctt caacattcat tggcaactct 420

acctccattc aggagatgtt ccgtagagtg agtgagcaat tcactgctat gttcaggagg 480

aaggccttct tgcattggta taccggngaa ggcatggacg agatggagtt cactgaggct 540

gagagcaaca tgaacg   556

<210>   2554
<211>   525
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050g11d1

<400>   2554

948

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tggcaatgaa gttgttcatg aacagtataa aaatcgtcaa agaaaaatta cagggtcgtc  120

atatatctac acaacgcagg agggttgata gacttgctgc agcataaagt aggagatgat  180

atttgtgcaa gtgaacagaa attaatagac ttcgacattc cattgctctg ctatcttcaa  240

ttgcctcttg tactcagtcc aatcaatgcc atctttggca gccaatgaca ccataatgtc  300

atcaattccc ttttccattc cttttagtcc acacatgtac acaaaagtgt tatccttctt  360

cagtaattcc caaagctgtt atgcgtattg agccattcgg gtttggatgt acatcttctc  420

ccctttctcg tatgtttgct ctcgactcac agcgaattca gcctgaagt tttcaggact  480

tttctcttgc atcttctcaa acttctcctt gaaaacaatg agctg           525


<210>      2555
<211>      75
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050g12a1

<400>      2555

ccctatccca taaaaggggg aaaaagaagc attacaagca gaaaatatgg cttttactct   60

gctgtgactc atcta                                              75


<210>      2556
<211>      453
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220050g12d1

<400>      2556

gataaaagct gttacgtaat atttgaataa ttattagtat gtcagcataa aagcaatgat   60

tagggaggaa agatttttaa agccatgcat tctatatagt caatgaatct atgcaaagat  120

caatttaaga tgatcaaatg gattatgatg tcaagttatc ttggacatgg ttctcatgct  180

tatcttagtt cccttatcgg caaggcacgt ccaaagagct tttctacttc accggcttcc  240

attttgagcc catcaagaat ctccattcct tcttttgata accctcttaa gaaattctcc  300

tcatcttctt ggaatacttc gaacccttct gccaatttct gaaacaaggt ggcctccgtt  360
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949

ttccccacct tctacacctc ttcttctaac tgttcaactt cccttacaat ggtctattct   420

acttcctcta cctttctgtt cagcctttcc acc   453

<210>   2557
<211>   530
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h01a1

<400>   2557

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tcacaattga tattgccttg tggaagtttg aaaccaccaa gtactattgc acagtcattg   120

atgcccctgg acacagggat ttcatcaaga acatgatcac tgggacatcc caagctgact   180

gtgctgttct tatcattgat tccactactg gtggttttga agctggaatt caaaggatg   240

gacagactcg tgaacatgct ctgctttcat tcacccttgg tgtgaaacag atgatttgtt   300

gctgtaacaa gatggatgct actacaccaa gtactccaa ggccaagtat gatgaaattg   360

tgaaggaagt ttcttcctat ttgaagaaag taggatacaa ccctgacaag attccttttg   420

ttcctatatc tggttttgag ggagacaaca tgattgagag gtccacaaac cttgactggt   480

acaagggtcc tactctgcta gatgcacttg accagatctc tgagcccaag   530

<210>   2558
<211>   540
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h01d1

<400>   2558

acaaccacaa gaataccaca tatatctttt cttttcatt tttttttgca ttgtaagaag   60

tattaacagc caacacaaaa ttatatttga aaattcagag agagagagag agagagagag   120

aatgagagag cttgatcagc tcagtcctaa cacaaatgta cactacagca cgtacgtaac   180

agaacagaac agaacagggt tctatgttct acgttttatc cttaattagt cagagcactc   240

cattctatgc actcggtccc tcagaatccc gttatacaaa gccattctgt ttgctggcaa   300

tggcattcca ccactttgtc ttctgcagtt gcttctttgc tcattccttt ctcttgcatc   360

950

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cttcacacta tctgcaaatt tcactttctt cttgttcttc ttctgtgtct gccttttctt    420

ttcctctgaa tacaagcaag agcgcaaggt gggtttgtta gagtggtgaa tttgaaatga    480

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<210>   2559
<211>   629
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220050h02a1

<400>   2559

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caccgccgct gcacccaaat gcgccttcgt caatagcctt taccgctcca gcttcagttt     60

gttgattgaa gacaacaact tccagcgaag cagcgtaagt gttagtaaaa gattttattt    120

ttctctctct ctcttccttc taaacgccgc ttccgcatct ctcttccttt tctaactata    180

gattttattt ttccctctga ttcttccttt ttattttatg tttttttctc cgatgtgact    240

ggcgtttgtt ttgtgtgttt ttcgtgtgcg ccaaagcctt tgcgttcgtt aattttgttt    300

tgtgtattcg gatcgagttg tttcacgttc ggttacgggg atcttcggtt taggtttgtt    360

tagggatttt ttgtttcttt gtttatgttg tggatgagtt tttcgttgga tttgttgtgt    420

tctgtgagat tgatggattt tttctaattt atattccttc aatgtttttt cttttttggc    480

aaaatgaata ttttatttat ggacagaata gatttgcgat tnttggctct taaattcatg    540

tttgaacggt ggtgtgactt tcctatttgg ttctattttt atgaagcctg ttgactgcaa    600

tttgttcttg aaaaatataa gggaatgtg                                      629
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<210>   2560
<211>   484
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050h02d1

<400>   2560

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aaggttaaat ttgtcacatt tattcattat catatatgca tcacctagta tcagctggat     60

tattcttaat taagagaaaa ctaagatcca atatcttaca tgctatgttt gatgttcttg    120

aattagaata atttcacctt gataactttc aaaatccttt aatgcaaatt accgaaataa    180
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aactctagtt ctagtacaaa caacacctag ctataataat taggggttga taccatagag   240

ctttcgaatc ccgtctatat catcttgcgc tagattcacc ttactagttc gaggtggtat   300

agaaggatac atgatggctc ttaggtccga cgagtggcct aatccgagca agtgcccgat   360

ctcgtgcact gtcacagatt caaggtcaaa cgcacttgtc accggtgatt tggtgacatc   420

gtcagacgcc acccaatatt cgtcggctgg aaagtggcac cttccatcag tgggagcgaa   480

tgca                                                                484
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<210>   2561
<211>   496
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050h03a1

<400>   2561

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gagatggatt gtttggtgat gccagtttca ttgatccgtc gtcgttccac gggttcacgg    60

atgggttaca tggcacttcc taaggaggag cccgtaaagg tggtggtggg aaaagagaag   120

agggtgtttc tggtggagcc tttcatattg caagagaacc cgtttcagat tttgatggat   180

atctctatga agaaggaccc agccgggcac ttcacgtcga atcatagtca gagtgagagg   240

agagtgatct ttgtggatgt ggatgacatt ttgttcgaac acatgctgtg gctcatgcac   300

aacgatgctt cttctttgtt ccagctcaat ttgaaggaga ttattgactt ctacactcac   360

gatatctaaa tgtaatcaca ggtactctgg tttataaatt tcagatacgg aaagaacact   420

tactaatata tatatatata tatatatata tatatgtata tatatactat tattatacgc   480

acaccatggt tgattt                                                   496
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<210>   2562
<211>   595
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050h04a1

<400>   2562

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ttcttatatt caggaaagta agatcatctg catcgccgac gcttccaaca ataacaatgg    60

ccgataatgc aacaacgcaa ggaagcaaca ccctattttc tccttacaag atggccaaat   120
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tcaacctctc tcatagggtg gtgttggctc ctatgacaag atgcagagcg ttgaactgga   180

ttccacaggc agcgcttgct gaatactacg ctcaaagatc aacaccaggt ggatttctca   240

tcagcgaagg caccttgatc tcccccactg ctcctgggtt tccccatgtt cccgggatat   300

attcagatga acaagtggag gcgtggcgaa acatagtgga tgccgtgcat gccaaaggca   360

gcattatctt ctgtcaactt tggcatgttg gccgtgcctc tcatccagtg tatcaacctg   420

gtggagctcc accaatttcg tccaccagca agcccatatc ggcgaagtgg aagattctgc   480

ttcccgatgg gtcctatggt gtgtacccag agcctcgtgc acttagcact tctgagatac   540

ctgaaatagt gcagcattat cggcaagcaa caattaatgc atttcgagca gtttt   595

<210>   2563
<211>   306
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h04d1

<400>   2563

ggggaaaaaa accggctccc ttaatcgaaa aaaagaggc cagggccaac aggctaaaac   60

ccccgggggc ccaaaaaccg gggaaaatgc cccccccgg acaaaaaaaa ctttgccctt   120

tttgaaaggg gggaaaaaag aaaaacccga aaaccggggg ccccccaaag gagcccacgc   180

cccaaactat acggggggc agagctgcca caaaggggc cccctttaaa aaaaaacctc   240

ccccctgac aggttacgcc cagggcccca aagccccgg cacaaaggcc gccccatag   300

ggggcc   306

<210>   2564
<211>   539
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h05a1

<400>   2564

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gtgagaactt aaactcagac tcctaaaata gtttgatcac tttcgcattg acctgtaacc   120

ttttctctcc ggttaccaaa accgtaagtt gctgaacatg gacccgcaat cgccggttcg   180

953

ggcggaactg gagcctccgg ttccgacgtt ctccccacgg ttcgcgctca catccagttc 240

gcagcggaaa atcgcgatcg cggtcgatct gagcgacgag agtgcctacg cggtacgctg 300

ggcggtgcag aactacctgc gaccgggcga cgccgtgatc ctcctgcacg tgcgtcccac 360

gagcgtcctc tacggcgcgg actggggctc cgtggatctg agcgcggcgg aggacggcgg 420

cgacgaggag tcgcggcgga agctggagga cgacttcgac aacttcacgg cgacgaatgc 480

gagcgacctg cgcagccgc tggtggaggc gcagataccc gtcaagatct acattgtga 539

<210>   2565
<211>   526
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h05d1

<400>   2565

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ctcctcgtct attcatctca cctcaacctg catccctctc accccgatct tcacttcttc 120

cgccagattt aagcggagaa gtcagaaacg tgagcgccaa tgatcttctt catttcctcc 180

tcaatctcct ttgtcaagac accgccagtg agcttttcga ggaaggccga atgggtagat 240

ttcaattgct cggtgaatga cctttcccaa gcgccaatct tgtcaacagg acattgtcg 300

agcataccgt taacaccagc gtaaatcaaa ggggccataa cctcggtagg cataaggttg 360

tactggggct gcttgagcaa ctcggtcaac ctagaacctt ggttcaagag gtatcgagtc 420

gaagcgttca agtcggaacc gaattgagcg aaagcagcta cttctcggta ctgagccaag 480

tagagcttga gcgaaccagc gacggatttc atgagtttgg tttggg   526

<210>   2566
<211>   521
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050h06a1

<400>   2566

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954

ggacacaaca tacagaataa atcaatatgg agtgccattt gctccattca ctggggtaaa   120

ccatcatggt cagatgattt tgtttggctg tgcacttctt ttggatgatt ctgaagcttc   180

ttttgtgtgg ctttttaaga catttctgac agcgatgaat gaccgatacc ctgtctctat   240

cactactgat caagacagag ccatacagac agccgtttca caagtttttc ctcaaacacg   300

ccactgtata agcaaatggc atgtcttgcg agaaggccat gaaaagttgg cccatgtatg   360

caacatgcat ccaaattttc agattgaact ttataattgt attaatctga cggaaacaat   420

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ttggcttcag tccttgtaca gtgctcgtgc tcaatgggtt c   521

<210>   2567
<211>   452
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h06d1

<400>   2567

cattcgaatt catttatttt atatattaat attatattca aatgaaataa aaagatatta   60

aaagatacta attataagaa tttgaaagtg aaattataaa gttattaaat gattaatcaa   120

ttttttttcta cctgttcctg tagtaaaaag agttccatct gttcttgaat agcttccttc   180

aaaaggactt ctgcttcccc agtgaatgtc ttggtagaag atatgatttc tttgaattga   240

ggtttattcg tgtttaagta agcacgtaac tcaacaagaa atttccttac ctgtccaatt   300

tctaatgaat caagataacc attcgttcca gtataaatag ttattatctg ttcttccacg   360

gtaagaggag ctgattggga ttgtttaagc aactcgcgca atcgttgacc tcttgctaat   420

tgattttgag tagctttatc gagatcagaa gc   452

<210>   2568
<211>   419
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h07a1

<400>   2568

caacatcgct atcgagggaa ttaactatga agcctaccct actataatcc ctttcgttgc   60

955

tgcctgtata tgcttacctg gctctgtcag aagacgctga tccaagatgag gacattggtg 120

accaccccat tctgccagaa gggacatatt acattatgcc atcaacttgg ggcgctgccg 180

gtgatggatt gaaactaggc ctgacgggaa actcactctg cccagatact gttttgggag 240

attactcaaa agtcctccgt ggcacaccag ttaaattcat catacctggg ataagcactg 300

gaatcatctt tacaggaact ccacttgaaa tcgagttcgc actgaaacct aattgtgctg 360

catcctacac atggatggcg tttgtggaca atgagatcca aaaggcatgt gtgggtatt 419

<210>   2569
<211>   329
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h07d1

<400>   2569

aacccctctgt atgaatttgt atggggggcaa aatagacgtg gcaaattata ttaagtttaa   60

taatgagaaa gttaaaagga tgatgagctg gcagtcccat agtacatatg tacacttgga   120

cctgttttta tgaagcaaga tacaacctaa gaatacacat acacaggtgc attcattcct   180

ggcatatgaa atgtatatac atgcagtata ggatggatgg atggataatg aattgcatat   240

catcatgatt catcaggctt tggctccaga atgacgggta tcttctcctt gggggcacct   300

tttaacacct acacaatcac cttatcacc   329

<210>   2570
<211>   480
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h08a1

<400>   2570

tccatagttg cttcctcctc ctcattctcc tctattctca ccactcaatt tctcactccc   60

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cgtctttctt ttgcgtcaca accactgcgc aggctcatgg ctcgcgccac cctcggcctc   180

actctcccag ccaacaccga atcccttaag gtttctttcg cggcaaagga gcttgacgtg   240

gcggaatgga aggggacct tctcgccgct ggcgtaacgg agaaggacgt cgcgagaaac   300

gtggaatcga gattcgagaa cgcgattctg agcgcgttgg actccaagct gggcgggttg 360

ttgggccagg tctcgttcga agaggacttc agcggcaaac ttgggcagtc cacggttcta 420

agaatcgctt ccggactcgg attcaagcgc gttgccttgc ttggcctcgg cgcctccgcg 480

<210>   2571
<211>   467
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h08d1

<400>   2571

ggccaaagtg aatctaatta ttcaaatatt tccgtttagg cacactacaa atggtaagaa   60

gctgttgctg ttgatatatc tatcttctat acaaaacata acaaactgga aaataacact 120

aaaaccctaa gaaacaagaa atgtattgca aaacgaaaag cgacaacta tgctattatc 180

attattataa gcctaagcac gttctccacg gatgcggcgt gcgagttgaa tgtccttggg 240

catgatggtc actctcttgg cgtggatcgc acaaaggttg gtgtcttcaa acaaacccac 300

caagtaagcc tccgcagctt cctgaagcgc aagaaccgcg tgactctgga acctcaaatc 360

agtcttgaag tcttgcgcga tttcacgaac aagacgctga aggggagct tgcggatcag 420

aagctctgtg ctcttttggg tatttcggat ctcacgaaga gcaacag   467

<210>   2572
<211>   524
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h09a1

<400>   2572

ttgttattgg agatttcaat tctttgtctt tcaaactcct caagttgggt ttatgtgatg   60

atggctctca acatctcttc tccagctgaa gtcaagtcca ttttttttcgc tgattccttc 120

aagtctaact gcctcacagc aaaattctca ggtgggtttg cttttaagag aaaagagcgt 180

agagcagcat ctggaggacg ggtttattgc tcagtgcagg caacaccacc accaccagcc 240

tggccgggac gagcggttcc ggaacaaggt cgcaagactt gggatggacc aaaacccatt 300

tcaattgtgg ggagtactgg ttcaattgga actcagacac tagatattgt ggcagagaat 360

957

ccagataagt ttaaagttgt ggcacttgca gctggttcaa atgttactct tcttgcagac 420

caggtaaaaa gatttaagcc tcaacttggt gctgttagaa atgagtccct aattgctgaa 480

cttgaagagg ccttgcatga tgttgaagaa aaacctgaga tcat 524

<210> 2573
<211> 510
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: jC-gmfl02220050h09d1

<400> 2573

atacaagtgt acgaaaatgt aaatcttatt taactcaaat aataatggta tacaagttat 60

gatatccaat gtagtattaa ttgtaatttg catatttagt caacctgctc aaagacaagg 120

agagagctag aagagtaaag tgacggttag agtagaaata ggaattataa tcacacagta 180

tatctgtaaa gcctgtgtca ttgtcaaata tttatactct tctgtaacta gcagcacctt 240

tgaaaaatat tgcaaattta gctttggacg ggttctgcat cagctgttga ttgcttgtta 300

aattcacttt ctgtactacg agtatcatgc acggcaacca cattaaggca atccttactt 360

ccttctgata taggtttttac ctcacctttc agctgttcat ttgatctaca cagaactcca 420

gaacttgaat ggcttataac atcattgctg acagaatcgt ctttagtagc tgaattatct 480

ttntggtgtt ggtgctcact taattaaatt 510

<210> 2574
<211> 464
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220050h10a1

<400> 2574

cgaaaagtac acaaagatcc catcttttca cgatttggag cagaacaaca attctgggta 60

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caagagtggt gttttggttg ctgatatgtt ctcaaatttc tgctccaagc ctgtggatgt 180

gtcaaggttt ggggttatct atgctggggc ccagaagaat gtggggccct ctggtgtcac 240

cattgtgatc atcagaaagg acctcattgg gaatgcacag ggtgtcacac ctgtgatgtt 300

958

tgattacaag atccatgatg agaacgattc actctacaac accccttcctt gctatgggat   360

ttacatgtgt gggttggtgt ttgaggactt gttggagcaa ggtgggttgg gggaaggtga   420

gaggaggaac aagatgaaag ctgagattct ttacatgcat tgat   464

<210>   2575
<211>   388
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220050h10d1

<400>   2575

ttttttttt ttttttttt ttttttttt ttttttttt ttttttttt ttttttttt   60

ttttttttt tttttggggg ggccttaacc aaaaggggcc ttaatttttt aaaaaaattt   120

tcaagcccca aaatttttt ttcggggccc cccaaaaaat tttgaccaaa aaaaggggg   180

tttaccccccc gaattttac cccccttta accaaaaagg caattttccc ccccccattc   240

cggggttccc ttggacccctt ggaccttaaa aaaaaaaaa ggttccccccc cttttttccga   300

attctcccccc ggttcccctt tttgggcccc taaaaacttt gggtttttacc ccggggcccct   360

taacctgggg cccccaaaatt tcccttct   388

<210>   2576
<211>   581
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220050h11a1

<400>   2576

aaagcagcca tgggtttttt cttgaaatgg gtcaacttgt ttgtcttttt tcatttcctt   60

gctgcaacac ccatcttctc agattcctcc tccagctcaa atgcaatcgc caccaccaag   120

ttccttgatt tagccaagga tcctcgggtt tttgattgga tggttggtat caggaggaag   180

attcatgaga atccagaact gggttatgag gaatttgaga ccagtaagct gattagagct   240

gaattggata aactgggcat ctcatataaa cacccagttg cagtcacggg tgttgttggc   300

ttcatatggga ctggacnttc tccttttgat gcattaagag ctgacatgga tgctcttcct   360

959

atgcaggaaa tggtggagtg ggagcacacg agtaaagtac cctgaaagat gcatgcatgc   420

ggtcatgatg ctcatgttgc catgcttctt ggtgctgcaa agatcctcaa agagcatgaa   480

attgagatac gaggaactgt tgttcttgtt ttcaaccagc agatgatgag gtggtagggc   540

taagataatt ttagatgctg aagtcttgaa aacattttg c   581

<210>   2577
<211>   214
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220050h11d1

<400>   2577

aatacactaa tggcccatat gtcacctctt aatttacata taaaaaatga cacttttttaa   60

cccactattt caaaagggca ctaataaccc caaaatttga aacttttagg tttttgaaga   120

aggaacgcat gctttgggta ttggggggcaa aaacttccaa cttcaatatt accggcaaaa   180

ggacaaccct gtcaagcaac tggaattggg gcaa   214

<210>   2578
<211>   552
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220050h12a1

<400>   2578

cttgatgtat gaaatgcctc tatcagcttc tgaaaaagct gagggctcaa aagggaaaac   60

aaagtcaata cgtcaatgtg gaaagtatga gagagaaatt gtgaagagtg gagcaaaaaa   120

tgcagaagca cctcttccta tgtctatttt ccttgttgct agtgtattga agataaaag   180

tgcaaaacta ctccaagaag cacggggctt ggatgatgtt gtcaagattt tgaatgacac   240

aactggtaat atagatgcaa aaaagcttgc agtggggcta tgaaacttca caagaaatat   300

ttgaaaaagg ccaagaaacc ctagcaccaa atacatcgaa atacccaatg attctttttgt   360

aatgtgttgt atggtagatg tgttgctccc tgggagacaa taatggagaa cataggactt   420

taaagaattg aaaaaaggaa ttcaaatatc caaccatcaa aatccctgag caattgttgt   480

atgtgaaatc atnttttttcc cctttttgtat ccataaaaga agtaagattg tatattatga   540

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<210>     2579
<211>     479
<212>     DNA
<213>     Glycine max

<223>     Clone ID: jC-gmfl02220050h12d1

<400>     2579

aagaaaaaag aaagttctaa ttattaataa attatatcta tatatatata tatacagata   60

gatattctat atcttttatc ttaattaata tttgacccct ccttataatg tgttatagat  120

ttctttattt ttaggaactt atccattcct tttttaatgg gcccgacaat ccgaaagaat  180

tctgggggag gggtcatttc gcttttgatc taaaataaat agagcttcaa gaaatgagag  240

aattaagaat acccacgaga aacactaatc caatccataa tgatgtaccg gaaaatacaa  300

cattttgtt attcgaccaa cctttaggag aagcaaatac aacaggtaca ctaatcaata  360

aaataaatga aatagcaatt aatgcaaaaa cagctaattg gaaagcaata gtcatgtttc  420

taatcctcca atttaccaac aaaagaactt taccatttga tcccccaacc ccttgatcc   479
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<210>     2580
<211>     462
<212>     DNA
<213>     Glycine max

<223>     Clone ID: jC-gmfl02220051a01a1

<400>     2580

agttgatata agcgaagaaa catcaagctt ggttattgct tcaaattctg cggcttttgg   60

tggcagcccg cttgttagta ttaatttttt tttccctttt gaatttccaa ttttgtctgt  120

attctttcct tggatattgc ttaagaaaaa tccttattag ttattaccca tcttttattt  180

ttctacacat ggggagggac accgtctatt gatatgagaa tcaatctagt gactatttgt  240

tctggttggc cttgcataca tatgttcgcg tgtcttagga taataatcat taatgataaa  300

tggtagttgt cacgtgaaaa aaaaaaaata taataaaaaa acaaaaataa aaataaataa  360

aaatttataa aaaattaaaa aaatatagat aactcatcta tttaataata tctactacca  420

tttaatatat ttctaactca aaataaaaag ggggcccccc cc                     462
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<210> 2581
<211> 343
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051a01d1

<400> 2581

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aaaaaaaaaa ccaaaaattg gggccaaaaa aatcttccgg aaaaattttc ccaaagggcc      60

ccgggaaaac cccattggcc agttcccccc cgaaaaaaac cccccttct ttttccctggg    120

gggggcaacc ccgccctgaa aaggggggt tttccaaaac aatggggccc cttaacccccc    180

ctaaaaccтt aagcccaaaa gggcccccc ccctggaaaa gggaaatgcc tcttcaaaaa    240

aagaattttc ccagggggggg ggcaaaattt tttggcccaa ccttaaaggg aaaaacccct    300

tttcccaaac ccaaggggggc ccccattggt tttccaaagg ggg                     343
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<210> 2582
<211> 585
<212> DNA
<213> Glycine max

<223> Clone ID: jC-gmfl02220051a02a1

<400> 2582

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tgctgttgtt ctctaggaga aaggtgccag atagagcctt taacataatg gggatccttg      60

tgttttgggt ttggttccct ctgttgatct cttcactacc aaattgggga gaaagggtca    120

tgtttgtgtt ggccagtttt gctgtttgtt caatccagca ccttcaattt tgtttgaacc    180

atctcttagc agatgtgtat gagggcccac caaatggcaa tgactggttt gagaagcaaa    240

ctggtggcac attggacatt tcttgctcct catggatgga ttggttcttt ggtggcttgc    300

aattccagct tgagcaccat ttgttcccaa ggcttccaag ggcacaattg aggaaaatct    360

cacctttggt gattgatctt tgcaagaagc acaatttgcc ttacaggagt ttgacatttg    420

ttgaggccaa tctttggact cttaagaccc tcaggactgc tgctcttcat gccaggaatc    480

tcagtaaccc ttcttcccag aatttgttgt gggaagcttt taacacttat tgattgattt    540

tgtgaaaaga tcgatgatca tcaatctagt ttctctctct ttttt                    585
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<210>   2583
<211>   576
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220051a02d1

<400>   2583

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atatggaaat taaactcttt aagattttttt cctttgaaaa ctaaattaca tgatggaaca    60

tcttgggagg ccaaatttaa gcaaaagaaa atcacgggta ggtaaacaaa aagcaaaatt   120

gatttgtgcc taggcacaaa tccgtgctat ctacttcata tctcgattct tcgacaaagc   180

caaaagagat catttgcaag cggatttttta ttacaacaaa ttagctgaag tggtagcata   240

tagtagtcgt tatctgcatc atcatcatca tcatgtaatg tagtagtttt aaagtaactg   300

ttagcacatg gatttgaggt ggtctctgaa aaccttcaac attccttgga aagtaacaat   360

ccccgtcaag gttccatcct cttccacaac ccacacgtaa ctcacacgat gtgccaatgc   420

ttgaatcatc acagcaacta aagagctcca acggtagcaa acaatggctt cagaccttct   480

cccaacccttt gcagagtacc ctccaagctt ncaattcttc ccagagcaaa actcttcatc   540

agaagaacaa ctangagaaa aagaagacca tgaagt                             576
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<210>   2584
<211>   598
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a04a1

<400>   2584

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tttcggctcg aggttgatgt atactttcct cctcggaaga gatcgcgtgt caatgctcca    60

ttcgtttttg atggagaatg gttcgagcaa aagcagaaaa cctctattga agccttgcca   120

gatgagtgtc tctttgagat ctttagaagg ttgcctgctg gcgaagacag gagtgcatgt   180

gcctgtgttt ccaagcgctg gcttatgctt ctaagcagta tttgcaaaag tgaaatctct   240

gttaacaaaa ataccacagt agagaaccct gaaaaggagg gtgatgatgt agaatttgga   300

ggtaagggat acctctctcg aagcttggaa ggaaagaagg caacagatgt tagactggct   360

gccatagctg ttgggacttc atctcgagga ggattgggga agctctcaat ccgtggaagc   420
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963

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aacattgttt gtggggtgac tagtcatggt ctcaaggctg ttgctcgtgg atgcccttct   480

ttgaaggctc tttctctatg gaacgttgct accgttggtg atgaaggcct tattgagatg   540

gcaaatggat gtcaccaact agagatactt gatctttgca gtgccccgca ttactgat     598


<210>      2585
<211>      478
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220051a05a1

<400>      2585

tggtcgattg atcaaagtaa gagatggtgg aactgattgg ggctggggtg ttgctgtcaa   60

tgttgttaag aaaccttctg gaggcggtta tatagttgat actttacttc attgctcacc   120

tgtttcaaat gagaacagtt ttcggtctaa accatgcccg ccttgacctg tagagaaagg   180

tgaaatgcat gtggcttctg ttcaattacc attgatctct gccctcggtc aactgagggt   240

atccatacct tccgatcttc gacccttgga agcaaggcaa agtatattgc ttgctgacag   300

gagctgggca accgtttttc ccagggtctt ccaaagctta accctgtaaa ggacatggac   360

gtacgggact cagaaatagc tgaactagtg aatcaagttg atgaacttga gataaaattg   420

accactcgtc ctatgcataa gcatcaagat atggatcaaa ttagatgctt tgagagga    478


<210>      2586
<211>      218
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmfl02220051a05d1

<400>      2586

atcatctatt ttgtatacca acattgctac cggaaaaaag gccaaccaag gctgcaaggc   60

ccttaaaaag gccctcaaca aagaaaacca catacacaac caaccctaaa cagaaccgag   120

gcaagacaaa ctccaagaat aaaagataca aagaagaaa aaaaaagcaa taaaaccctc   180

cattcaaacc cgattaaata tgagaaacgc caaagggg                          218


<210>      2587
<211>      560
<212>      DNA
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<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a06a1

<400>   2587

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ccaagttcca agatgaagat gattcacttt cttttcctct ttgctcttgt ctcgttcact    60

tcccatgctt ctgtcaatga tttctgtgta gcagacctaa aaggtccaga tagcccttca   120

ggctatcagt gcaagccacc taacacagtc acagtggatg actttgtgtt ctctggcttt   180

gtagctggaa acaccacaaa cactttcaat gctgcattaa cctccgcatt tgttactgat   240

tttccaggtg tgaatggtct tggtgtatct gcggcacggt tagacatagc caaaggtgga   300

tcaatcccaa tgcacacaca ccctgctgcc actgaacttc taataatggt ggaaggtcaa   360

atcactgctg gttttatgac cccaactgca ctttatacca agacactgaa acctggagat   420

attatggttt ttccacaagg acagttgcat tttcaggtta attctggaaa cggaaaaacc   480

actgcttttc tgcattcagt agtgcatacc ctggagcaca actacttgac cttctgttat   540

ttggcaacac cttgccttct                                               560
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<210>   2588
<211>   295
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a06d1

<400>   2588

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gccagttaaa ttttgaccat tacttgggca cagaggcatt caaaccacct attttttcaag    60

ttgaccaatt cgtgtccatt actacgctta ttactggact gcctgcgtgg gaactcgaga   120

acttttttg gtcaagccct tagcttagcc ttggggatct gatcgagctt gacgaatgag   180

gctcttaagc cagcgtttcc cttaccgagc tttttggggg ccatggggtt ctgattcagg   240

cttaaacggg aacccttttc attgtacgac agcttctttc ctggggtcgc cttgg        295
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<210>   2589
<211>   559
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a07a1

965

<400>   2589

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gctcgtaagt ccacaggagg aaaggctcct aggaagcagc ttgcaaccaa ggctgcacgt   120

aagtctgcac caactactgg tggtgtgaag aagcctcacc gttatcgtcc tggtaccgtt   180

gctcttcgtg agattaggaa ataccagaag agtaccgagc ttttgatccg gaagctcccc   240

ttccagaggc tggttcgtga aattgctcag gacttcaaga ctgatctgcg tttccagagc   300

cacgccgtgc ttgcattgca agaagctgct gaggcatacc ttgttgggct ctttgaggac   360

actaacctgt gtgccattca cgccaagcgt gtaaccatta tgcccaagga tattcagctg   420

gcaagaagga ttcgtggtga gccgtgcttg aattggtggt ttggaagatg atgatgattg   480

gtggcttgct gtggtgtttt gttattagat tccttttata tctaaagatg gtgttgtagg   540

gatggaggtt tctgctggt   559

<210>   2590
<211>   501
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a07d1

<400>   2590

cattcgaatt cattttattt atatattaat attatattca aatgaaataa aaagatatta   60

aaagatacta attataagaa tttgaaagtg aaattataaa gttattaaat gattaatcaa   120

ttttttttcta cctgttcctg tagtaaaaag agttccatct gttcttgaat agcttccttc   180

aaaaggactt ctgcttcccc agtgaatgtc ttggtagaag atatgatttc tttgaattga   240

ggtttattcg tgtttaagta agcacgtaac tcaacaagaa atttccttac ctgtccaatt   300

tctaatgaat caagataacc attcgttcca gtataaatag ttattatctg ttcttccacg   360

gtaagaggag ctgattggga ttgtttaagc aactcgcgca atcgttgacc tcttgctaat   420

tgattttgag tagctttatc gagatcagaa gcgaattggg caaaagcttc taattctgcg   480

aattgtgcta attccaattt a   501

<210>   2591
<211>   465
<212>   DNA

966

<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a08a1

<400>   2591

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tccccgagtc agagtcatgt atggcggtga cgaagtatca gcaatagtga tagacctggg   120

ttcccacact tgcaaagccg ggtacgcctg cgaagatgc tcccaaggcc gtctttccct   180

ctgttgttgg tgcaattgat caaatggaca ttgatggaac tgctgatatt aatgatgaga   240

actctgacaa aaccaaggga aaatgcaaac tttatgtagg atctcagtca ctaggatacc   300

gcagagacca tatggaggtg ctgtcaccct tgaagaatgg agttgttgtt gactggaata   360

ttgcagatta catatgggat catgctatga gggaatgcct cctagtcgac cctaaagaac   420

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<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a08d1

<400>   2592

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tcaccgaaaa taaatattat tccacacgat acaatttcca taatcccaaa aaataaaatg   120

ccagattctg atatctaatt tgatgcaaag tgccttaatc ttccctcagc aatttgccta   180

gttgttaatt gagaaacaag cacattttct acttttactc gccactctgc aaaatttagt   240

gaagacaaat gggattcttt agtaaccaca agcatggaat tccatgacct ctagattgat   300

gaaaattaat ttcaaaacct catttgtgaa ctaagaagtg acactatctt cggtctttgg   360

cttcttactt ttaggttctt catcgtcttc ctgattgaga gctccattaa ttgcttcatg   420

acccaaaaga gagacatgc   439

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<212>   DNA
<213>   Glycine max

967

<400> 2593

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acgctcgtct tcttctctcc accaatccca ctctcaactc ttactactac aacaccctcc   180

ttcgcgcctt ctcccaaacc cccctcccca cccctccctt ccacgccctc tcccttttcc   240

tctccatgcc ctccccaccc gataacttca ctttcccttt cctcctcaaa tgctgctctc   300

gttccaaact ccctcctctt ggtaaacagc tccacgctct cctcaccaaa ctcggcttcg   360

ccccggatct ttatatccag aacgtcctcc ttcatatgta ctccgagttc ggcgacttgc   420

tcctggctcg ctccctgttt gatagaatgc cttacagaga cgttgtttcc tggacctcca   480

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tgcttgcatg t                                                        551
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<400> 2594

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taaatgcaaa gcatagatca tctcctgtac ttttctgaga aactaaaagt gatttgaaag   120

taaaggtaat tagcatgtat ctctgcttag gtgtgctata tacagaagta atggatcaga   180

catcagagaa aaccactagt cacttggaat acgatatttg aaagagactt gcatgctcca   240

gcttcaccag tgcttcagtt caaaagccta catttgtaca tgctatatac atttcttgtt   300

cagctttctt tggttcacat tttaagaaaa ccagcacctg aaagtattac ctaagcatgg   360

aaaataggag acattgatgc ttgccacaga agaaatgtca aatggtgaac ccatttaagc   420

tttatacccc attaatcatt gaagcctgaa t                                  451
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<210>   2595
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<212>   DNA
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<213>      Glycine max

<223>      Clone ID: jC-gmfl02220051a10a1

<400>      2595

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cctcaaattc gacaaagtca ctgattttgc tggaagtacg aatttcatta taattgctgc   180

attgaccctg gtcatcaaag ctcctggta ttttcgacag ataatcttca ctttgtttgt   240

tgggatatgg ggaattcgcc tcggcctttt cctcctattc agaattttgc agtggggaga   300

ggaccgacgc tttgatgaaa tgcgcagtàa tttgggtaga ctggccatat tttggatatt   360

tcaggctgtc tgggtgtggg ctgtgagttt acctgttaca gtggttaatg caagcgacag   420

aaatcccttc ctacaggttg ttgatatagt agggtggatt ttgtgggctg tgggttttat   480

tgtggaaggt acagcagatc aacaaaagct gcatttcaaa ggaacttcag aaaattgaag   540

gaagtggtgt aatgttggac tttggaaat                                     569
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<210>   2596
<211>   309
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a10d1

<400>   2596

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acatgagccc aaccatttaa aatttctttc ccctttgcaa catttctccc agggaacaaa   120

cagaccaaca ccaaccaagc ataaggcccc agctatcatc aatttccagc tggataaata   180

aataaaccca acatttttgt ttgcaacaaa agttaaattt attaatagta gtaataatag   240

taacatatta aatactataa tcactagcca atcaagacac acccctcttc gctcgagccg   300

ctcgagccg                                                          309
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a11a1

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aatccagatt ctctgcattc cacataactt gttagttcct ttgcttccaa gaccagtttc   120

ggattattgt tcactcatct cattctcttg ttaataatct ctacacatat tctctctctc   180

aagtctaaac catgcctgtt gtgacagaac acatgaaatg gagaagacca agaaaccaat   240

ttaggaaccc catttcagaa accgatgatc caatcactca aatcccttcc ataatccaat   300

cctctcacag caaatccacc atctcctctc tcttgtcttc tttctccacc tccggtgaaa   360

ccacacatgc cagagaccaa aacagaacca acaacaacaa caaaagcaac agaaaattct   420

ctgcagcaac cttcaggggc ttcggctgca ctgccggttc atcgcagaag gtgtcggtgc   480

cggcggtgat tcgctcctca gcagattgag aagggaagag gaacagaaag aagaatcaca   540

gaaggaagaa taacagtaac ggttacagtg gcaacaacac atgtgatgat gatgat   596

<210>   2598
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a11d1

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acaaaatact aatagtattt tgattgaggg gaaaacaatt ccaaacaaaa ttacaagtaa   120

cttaatttaa aaacttgaac atgaatttct gaaactctta aacttcaatt aaatttcttt   180

tttggttatg tgggaaagca agtaggtgcc ctctataagc tgtgcttgtt ttttctggca   240

cttttagtca tttctttggt gatggcatga ctaagaaccc cataggggca aaagaacatg   300

cacagagaaa ctgaatgccg agtctctatc tgattctcta atccatcaag aaaaacatgc   360

cttgcaagca agagatccat taccaaaagg gtgaatccaa gctgatgct   409

<210>   2599
<211>   592
<212>   DNA
<213>   Glycine max

970

<223>   Clone ID: jC-gmfl02220051a12a1

<400>   2599

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tttaatcccc gtgatattgc aagcatgttc atgaacatca caaaccctac aaatgcacag   180

ccgcagggt cacattctca tcaggaaagg caagaagata gcaatggtag tggaactagt   240

gagcctgaaa taagaattgg gggaaatatt agtgtaaaca tggaggatat gccagaggat   300

ataacagggg ccttacaatc aatgatggaa atgttatctg gggctgcacc ccctgggcaa   360

ccgcaagatc aaacaaatgg aagaacagca ccaaactaag ctatttcagc attctgagac   420

tgtaaagact cacaaaattg ttaaatattt tttttgcctg tttaagtttt ttgatagatt   480

acagcattaa ctaacaaaat tctctctgtt tacatcatat agagcttttg agtcactatc   540

cctttttggaa gcccattata caattgtcat tcgtgcaata tccatacttt ta   592

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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051a12d1

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ccatatagaa ataccaaggt gaacaaaatc tcatcccctg cctacaacgt cttgaaagga   120

atttagtacg tcatgggagc cttcaattta ttcttacaac aacatggtct ctggattttc   180

aatatagcct ttgaatgctt ttaaccattc ggcaccaatt gcaccatcta taacacgatg   240

atcacagctg agggtcacag acatgaagga agcaaacttg aactcttcag cacctgaacc   300

cggaacgacc ctcctctcag aagatccaac ggcaagaatg ccagcctgag gaggattgat   360

gattgcacag aattgtctga caccaaatgg ccctcccagg ttagacactg taaatgtacc   420

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<210>   2601
<211>   575
<212>   DNA

971

<213>   Glycine max

<223>   Clone ID: jC-gmf102220051b01a1

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caaaatagca actgatgctt ctggtctgtc taagggctat ggatttgcat caattggaca   120

atgaataggc tgcacagaat gctattgaca agtcaaatgg catgctgatc aatgataagc   180

aggtctatgt aggccatttc ctgcgaaagc aggatagaga gaatgctctc agcctgacaa   240

aattgaataa tgtctatgtg aaaaacttat cagagtcaac cacagatgaa gagttgatga   300

taaattttgg agaatatggt accattacta gtgctttaat aatgagagat gctgatggta   360

aatcaaggtg ttttggcttt gtcaattttg aaaacccaga cgatgctgcc aaagctgttg   420

agggacttaa tgggaagaaa tttgatgata aggaatggta tgttggaaaa gcccaaaaaa   480

aatctgaacg tgaacaagaa ctgaaaggac gatttgagca tagcataaag gaagctgctt   540

gcaaatattc aagtttgaac ttgatctcaa gaact   575

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<211>   415
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051b01d1

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aaaaggttta taagctgtaa aggtccatgt aaccataaac aaaaatagtc tccaagacta   120

tagaaccatt acattttaga caaattagtc ttgttccact tgatcctacg taaacaccta   180

ctacaacggg tggggttact gctgcctaac atgtatcata ttcactacaa acattttaat   240

aggagtagcc tttgacgaac aactgcttct tggcttcctc agattcaccc ttaccggtgt   300

actttccaag ctgggcgagc gagttggact tggcacggaa aagaagtgca tcttgtgccg   360

gcttcacatt ctctgggcgg gctccccatg tcttcaaggc aatgttttgg agggc   415

<210>   2603
<211>   540
<212>   DNA

972

<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b02a1

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tttctttttc ttccgcagtc ccaaccttca tggattctca ctcacacatc attgcttggg   120

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tcgtcaaagc cctccagccc caccgtattc gctccgtcgt cgccggcagc agaaactccc   240

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ggcaccctgc tgagaccaag tctgagaaca agactgagaa cactcccagc caggtcaagg   360

ctctttccag tgttaaaatt gttcaggcgg ctattggggg gtggcactgg ttggccgttg   420

atgatcaggg cagagcttat gcttggggtg gaaatgaata cgggcagtgt ggcgaagaac   480

ccgagcgcaa ggatggcact ggtagacctt taatgagaga tatagagatc cctcagcgct   540

<210>   2604
<211>   498
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b02d1

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aagtacacaa aaaaagggg gaaattcata aaaaaataca gaaaaaaaaa aacagaattg   120

agtaagaggg aaggaaacat agagaaaatt ttagcaatca gataataaga agccagtagt   180

agtgcaaaag tcccttgcca agagtgttgg aacccctttt agttaagcag gtaccttctc   240

ccccttgagt ggcttcacca cttcccatgt gaagtcaggg tcatctctgc caaagtgtcc   300

atatgcagca gtcttcaaga acctgccatt tccacccctc ttgagatcaa ggttgatgga   360

gatcatgcca ggcctgaagt caaaactctc cttcacaatg ctgaggattt ccttgtcagg   420

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atatgaaact tgcacaat   498

<210>   2605

973

<211>   546
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
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tggtgcacca tcacagtcac tgcatttaaa ctccaattgg cctgttcctg gagcagataa   180

gtacggtgtc cagccacttt ccatatggct acctggtgga aattatggca ctgtgcatca   240

tcatgaaaat tctaccaacc agaacctatc tgttccaaag ggatggcgca atggggactg   300

gatctgtaac tgtggcttcc acaattactc atcccgctct cagtgtaaaa agtgcaatgc   360

ttttcctcct gcacttggga caaagcggtt agcttcagaa gagttggttt atgattggga   420

caacaagaga ttgaatatag gaactacaaa tgatcagcat caaatatata caagtttaga   480

gcaagtggta gggacaggtg cagatccaaa acctggactc ttncnctctt attccagcat   540

gaactc   546

<210>   2606
<211>   390
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<223>   Clone ID: jC-gmfl02220051b03d1

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ccgtatagga tacaaatatt cacggacatc ttaattcata aggcattaca ataattaata   120

aataccccaa agcataacaa gttaaaaaag aaaaagagca ttggaaccta tggagattgg   180

agtttcaata agaaaaacat ccgcctcctt ctggattctg aaacccaatg ttctcaacgg   240

caccaaccgt cttgaacatt ctcctcttgt gaatctcctc catcagtgat cgttgcagtt   300

gttgtctcct caggtccacg aaggaacgga tcctggttag cctgtgcatt ccatgacacc   360

tgtgagaatc cattctcatg ttgcataaac   390

974

<210>   2607
<211>   569
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tcagctttct ctggccttgt cattgaaata ggtccaattg catttaaaaa tgaggaatac   360

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caacgaagcg actggataca agttcaccaa gtccatcaat ttcttaggaa gtggttgatt   540

gaacattcaa atttttgtc actgatgtt   569

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aatccagcat gcatttatta gtatattccc ataccctgcg gctcaaaatt taaggactta   120

caaaacatta agaaacaaga ccctttgca attcacactg actgatacag atgcagatag   180

ccactcttaa ctatctagta tcctagctac accgctgcaa agtagtcttt gctaagttta   240

gggtctggtt tcatggactt ctccccaggc ttccacccag cagggcaaac ttcatctggg   300

ttctcctgca catactgtaa ggcctggaga gttctctttg gctcgtaaca cttttaccaa   360

ttgccaagtt gtaatggtag aatgctgaat aacccctccc ttgtcaataa tgaacaaacc   420

tctcaatgca attccctgat caggaatgag   450

975

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<211>   519
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ggctatcagt gcaagccacc taacacagtc acagtggatg actatgtgtt ctctggcttt   180

gtagctggaa acaccacaaa cactttcaat gctgcattaa cctccgcatt tgttactgat   240

tttccaggtg tgaatggtct tggtgtatct gcggcacggt tagacatagc caaaggtgga   300

tcaatcccaa tgcacacaca ccctgctgcc actgaacttc taataatggt ggaaggtcaa   360

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actggctttc ttgcattcag tagtgcatac cctggagca   519

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<211>   451
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<223>   Clone ID: jC-gmfl02220051b05d1

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gcactgaagc ccccttttaag ctttggctga gatgaagcac cttaaaaaaa tcctttctat   180

tcctcgtcat catcgtcttc ttcaggtgcc tcttttagcc attgaattaa cttttgggcc   240

tgcttaacaa aaactttatc tgcctcgtca gcatctttta actcggcttc ccaactcaaa   300

atagcatctt cttctacaac atcttcattg tacaagtagt gcaaaatcct tgtgaacaat   360

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976

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<211>   540
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b06a1

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cattcaagcc ggttcttttg ccggtccagc tgggccggtc caccgtggcg gttccggctc   180

gtaacggcca catgcaagat ggatcggaac gtgtgggtga gggacacttg gagggcccgg   240

aagacttggc ctacgacgct gcggcacgtg tcgtttatac cgggtgtgag gatgggtgga   300

tcaagcgagt cacggtgaat gactcggtgg ttgactcggc ggttgaagat tgggtcaaca   360

caggaggaag gccacttgga ctagttttga gccgaatgg agaactcata gttgctgatg   420

cggaaaaggg actgctgaga gtgtcaagtg agaaggagat tgagttgctg gtagatgagt   480

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<210>   2612
<211>   291
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<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051b06d1

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gggaagacct cccaatttta aaatattat aaaaacattt aaaacttggg atattctttt   120

tgcccctaaa acattggaaa ttttaaaaag ggtccccccc ggtcccataa aaaattttag   180

cccttggatc aacccaacct ttaggaacca aaattttac ttcccaaatt tgctttgccc   240

ccaattcaag attggaaaaa aatcccccg taaaaagcct ccccgggagc c   291

<210>   2613
<211>   487
<212>   DNA
<213>   Glycine max

<235> Clone ID: jC-gmfl02220051b07a1

<400> 2613

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catcaaagtt gggcacattg atgatgtcca agagctaaga aaaaccaagc caaggacaat  120

tcctcaaaga tttgtacgag acttgacaga aagaccaaca ctcactacac ctcttccccc  180

accacatagt gacatgccag tcattgattt ctctaagctt agcaaaggga acaaagagga  240

agtcctcact gaacttttca atcttgcaac tgcttgtgaa gagtggggat tttttcaggt  300

aattaatcat gaaattgacc tcaatctgct ggagagcatc gagaacctga gcagggagtt  360

tttcatgcta cctttggaag agaaacagaa ataccctatg gctccaggaa cagtccaagg  420

gtatggacat gcttttggtt tctcagagga ccaaatactg gactggtgca acatgtttgc  480

tcttgga                                                            487
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<210> 2614
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<212> DNA
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<223> Clone ID: jC-gmfl02220051b07d1

<400> 2614

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gtcccattca tataaaagaa aaattttctc ccggctaagg gcagggataa tgggattgga  180

tttgcccttt ttagcctcca aaaggggaac cgggtccgac agggagcaga aaattgtggg  240

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tgggccaaga gctttagatg gaagggtaat tgagatcaat gcttgtgtcc caagtgaagg   180

tgtgccagag tggaacctgc ttgctagcag gcaatcaggg agctttgtgt ataactgtgc   240

agtgatggga tgctgaggca tttgcttttg gtgaatagtg ctatatggat ttattctgaa   300

tggaattaac attcttcact ttcaaggaga gatgattctg gctcttgggt aatcagccca   360

cctttggggg taaatattta ctcctattta gagtaacaga tacagtttta gaaggttcac   420

aaaactgagt cttttcattt taagttatca tgatgggttt tcaaatgttg gcacagtgac   480

aggtgaataa ttagctcatg ttgggttgca atcacctttt tcataagttc aattgaagtg   540

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ctgatgggtg gatagtggag atgattagtt tactggctaa tcctaatcga gtgcgtccaa   180

agagattttg gggtgtctac acaaagctca aaatatttaa catgactgac tacaagaaag   240

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agccatctgc aactcttttt aatgacatga tgagcaaaat aaaaactact gcatcttaca   420

ctggaagcga tcaaggattt ctcaattcat attactctgg atttcccaat gcacatgttt   480

ttgagccaaa tttgagccca gagatgttta gttccagacc cattcctgaa atggagcgac   540

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<213>   Glycine max

979

<223>   Clone ID: jC-gmf102220051b09d1

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aacttggaca tcaataacct tacgttcaac cttggtctta ggaatggtga tataaagcac   180

accattttc aactctgcct taaccttgtc cttctcgcaa ttatccggca gctttaaacg   240

ggtatcatag gaactatagg tcctgcttga ccaagaatca tctccaccat gttcttgttc   300

acttttgtgg ccacctttta taacaagcat atcatcctcc actgatacct taacatcttc   360

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<223>   Clone ID: jC-gmf102220051b10a1

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aagttccatt acagctgtgt gccatgccct gattgtagga aaggggcttg taggcgcggg   180

gacatgtgtg aatatgctca tggggtgttt gagtgctggc tgcacccggc tcagtatcgg   240

acacgcctct gcaaagatgg taccagttgc aatcgaaggg tgtgtttttt tgctcacact   300

gcggaggagc ttcgtccgct gtatgtgtcc actggatctg ctgtcccttc gtccaggtca   360

tctgcctcgg ctcctaatgt catggacatg gctgctgcga tgagcctttt gccgggctcg   420

ccttcttcgg tctctgccat gtcgacatcc cactttgggc aacccatgtc cccatctgca   480

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<212>   DNA
<213>   Glycine max

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gcggagggat gaagtggttg gttctggatc aagaataata aaaagtagtt agaagaaatt 180

ttagaaaatg tcgagaattt cgaggatgga gcgattgcaa aggggacaag agcctcgatt 240

aagccacagt tccctggaac acaccctgca aaaagtgtgt ccacatggga tgaacgctgc 300

gcctttcttc ctttccatgc acacgcagga caccgaatca ttccccacaa cattctcctc 360

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<223>   Clone ID: jC-gmfl02220051b11d1

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tctaggggga ttaaaaaaag gccccgcacc cccaaaaaaa aaaaagaaa aagcgacaac 180

taaaaaaaaa aaaaaaaaaa gccccccccc cttttaatat gccccacagg gggaaaaaaa 240

aaacaaaaac cggggaaaaa gggaaaaaaa aaagcattga aaaaaccca attttttaaaa 300

aaacccggcc aagacccct aggaacccccc ttaaggggggg gcaaaaaaaa aatttggggg 360

ggaggggggga atttggggaa attttcaaaa aaccggggcc ccgggacaag gggggggggaa 420

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ccgaggaggt agcccccaag aaagaccacg gacccatccc tgtcgtttac aaactcgact   180

tgcattgcga gggatgcgtc aagaagatca aacgcacctg tcgccacttc gaaggtgtgg   240

aaaccgttaa ggcggatcta tcgtcgaaca aggtgactgt taccggtaaa atggacgccg   300

agaagctgcg agataagatt gccgagagaa caaagaagaa ggttgatatc atatcagctc   360

cgccgaaaaa agaagccgcc gttgcggaaa aaccgccgga gaagaaggca gaagacaaga   420

agcctgagga gaaaaaacca gaagaaaaac ctaaagagag tacggtggtt ttgaagatca   480

aactacactg tgacggttgc attgcgaaaa ttcgaagaat cattcttagg ttcaaaggtg   540

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cccaaacaca ccccacccac cccacaaaac cccggcccca aaggcccacc cccaaaacaa   180

aacaaaaaaa aaaaggcacc cccgggccag ataacaaccc caagaccagg cccccaaccc   240

ccaacacccc ccaccccccc acaacagccc cccccccccc ggcgggggg ggaacccaaa     300

acccccccgcc ccccacgaca atcccccacc cgccccaccc gccccccccc cacccaccac   360

ccggccccct ggcgcaacca caggaccgcg aaccaactcc cccgcggccg cacaccccaa    420

caaaaccggg acccctgctg gcacaaaaag cccagcggcc cccac                    465


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cgagccctac cttggcctct tcaactcgtg gacgggctcc aactgctgcc tcgactggta   180

cggcatcagc tgcgacgcca ccaccggccg cgtcaccgac atcaacctcc gcggggagtc   240

cgaagacccc atcttcgaga aagccggtcg ctccggctac atgaccggaa aactctcaga   300

ggcgatctgc ggcatcgaca ccctcaccac cctcgtcgtc gctgattgga aagacattgc   360

cggggagatc cccacctgcg tcaccgcgct ttcctccctc cgcatcctcg acctcatagg   420

gaacaagctc tccggcgaga tcccggccga cgtggggaaa ctctcacgtc taaccgtcct   480

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tctcttgaaa tggtaaagga gtcgtagacc ttttcatcac tacttttctt gtactcaaac   180

aagagatatg aatgattgaa agcagtcaat ttgccaaacc catagtcaac gtccctataa   240

agactccaaa tagggggtga tggtgtgaag tctgacaggt gacttccccc ttcaccaaca   300

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983

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gaagtggtcc aaccaccgta actggatctc ttgctggact taagcctggt ctccatggct   180

tccatgttca tgccttgggg gacactacca atggttgcct ctcaactgga tcacatttca   240

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atcttgggaa aggtggtcat gagcttaaca aaactactgg taatgctggg ggcagagtag   480

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ttataaagcc cctaccctac attcggggaa acttcaaaac cactattttt catccaaatt   180

attcaatgca aaggggaagc aacatcattg cctcagatag ttgtcgtcgt cattatctgt   240

atattaacct ccaccaccag aaccgtattt ctttccgaac aagacgagct gtagcttatc   300

ataaccagcg agcactccag cacctgcaac agcacgtaat atgtttgcac cggcaccttt   360

aaagagtgac ttagtaccct cttttgcgac aattatcttg aatgcttcca aagagctctt   420

gtattttaca gcttcttcag atgtcatcat cattcttcta cgcacagtat caatggggta   480

agaggccaag ccggcaccta ttgtgatccc ccatcccaag agaaactcgc aaagagctat   540

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984

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cgaacctgga tttccaacat ttccaccgtt tatatttaac ttcactgggg atttttttgcc   240

tataacactg aatacaccaa agcaagggac tagggttaat gtgctgaact atggtgcaac   300

agttgaaatt gttttccaag ggacaaacct tgttggcggg atagaccatc ccatccatct   360

tcatggctac agtttccatg ttgttggata tgggctaagg caatttaacc aaagcgtgga   420

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<212>	DNA
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<223>	Clone ID: jC-gmfl02220051c03d1

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gaaacccatt caagaaaatc gaacccatca cataaaaaca cagacgggtc aaccttcata   180

ccaacggacc cttatcaaaa aggaactaaa taactcaaag cacgaactaa tcaatatctg   240

acaacagctg ctggccaaac ttatcacgaa atactctcca taaagagccc caaaaaccc   299

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tattatagca ccaatgctac aaagggtcct aaaatttgat tactgcaata tacaatacac   180

attatatata tgcttttttt tagtgaatgc atgtcttcca tcttcctttt ggggaactag   240

agatcaaaac tgtgactgtg gaaatggaac atgggatgat ggcgttgtct ggcatactg   300

tgtgacccga tttcttcagc aacacttgcc tgaaatgttg aagggccaca aactatgata   360

cccacattaa ccaggcccca tttctctgac actgattcaa aaaatccttt aa   412

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ccccaatttc atcgaaccaa tcaataaatc atatacacat tgtttgttta atttttgatg   180

ccgataaaaa atgccgccga agcagcagca atcgaaagct gatttagcga agaagcagaa   240

gattgtagag gacaaaacct tcggtctcaa gaacaagaac aagagcaaaa atgttcagaa   300

gtatgtccag aacctcaagc aatccgtgca gcccaggccc gatgccgcca aagtcgatgc   360

caagaaaaag aaggaggaag ataaggccaa ggagaaggag ctgaatgagt tgttcaaaat   420

cgctgttact cagcccacag tgccagttgg tgctgatccc aagtccatat tatgtgagtc   480

ttttaaagtg gtgcagtgtg ccaagggctt cagatgcaag ttctcgcatg atttgaatgt   540

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986

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tgatagccat ttccaaagta gttgccagga ttaggagaga tgttataagt tgcagaaccc   300

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tattgaggat acctgtcagc aactctagca taagaagtta tgtcagatag aatgttagtg   420

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gacagtgaca tccctaggag gctctgacac atgctacaca gtcccaatag ttgcacccac   420

cataacattc atgttctcaa gcatgaacgt gaccctgcca gaggacaaca ttctcataca   480

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<211>       486
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<400>       2633
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cgacccctac ccctgctatt atcttttgtt ccttattact tccctaacat gactagtggt   240

aaagtagtca tttcaacaca taccaaaata ctaacaaact aggaaagtta aatcaaccac   300

aaatatatat tacatatata ggaaattgca tatattaaat ataaaacttg agcaggacaa   360

agctgatgat gaagactgtt cagatgaatg atatgaatat atcatatatt ctcgtagaag   420

tatttcttga agagttgcat atgtgctatt tggaagtgca tggacacaat aacggatcca   480

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cagtgttgtt gagtttgaat aaattaatga aggggtgttg atggatggtg gatgtatggt   300

gaagctggtg aggtacctcg aacttaaatg aagaaggaac gtgcatggcc gcaattcata   360

aggaatcttt tgatcatggt tggatcaaga agccggtcac agttgatgag gcctacttgg   420

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cccgccaaaa cgaaaacccg ggcaggggg aaaaccccctt gggaaggccc ggtaaaacaa 180

atacacagga caaattcaaa aggggaccc agaacaagct aaaattacca cgagcctgcc 240

caacctggaa ccctgggaaa ggggttccaa gcccccacta tcaaacccca acccggcccc 300

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<210> 2636
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<223> unsure at all n locations
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caccaaacgc ttcatcagtt ccagcagttt tagcgtttgg agattccatc gtggacccag 180

gcaacaacaa caacataaaa acattgatca agtgcaactt cccaccttat ggaaaggatt 240

ttcagggagg aaacccaacg ggtcgatttt gcaatggaaa aattccttct gacttaatag 300

ttgaacaatt gggtattaag gagtatttgc ctgcatattt ggatccgaat ctcaaatcta 360

gtgatcttgt taccggcgtc tgctatgcct ccggtgcttc aggatacgat cctttgacac 420

ccaaaataac gtcagttcta tcngtatcta ctcaactaga catgttcagg gaatacatag 480

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<223> Clone ID: jC-gmf102220051c08d1

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acccaaatct ttcactatac agttaaaagc ccaccactcg gaatcatgtc attcgtaaca   180

ctttattcaa aggtatgctg atatagatgc ataccggata tcctattata aaaagcacca   240

cccctcgact atatagtagt taggggacac attttccctc aaaaacttgg aactgaggaa   300

cgtgatgctc aaaactccct ttctggaaac atgataggag ctacgagaga ccacaagtcc   360

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acca                                                                424
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<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c09a1

<400>   2638

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tcccttcaaa aatctccttt caaaactcaa tagtgcctcg gatactcctc ctgtgacttg   180

catagtttct gacggtggca tgtccttcac tttggatgct gcccaagaat taggcatccc   240

tgacgtgatt ttgtcgacag ctagtgcatg tgggtacatg tgttacatga aatatccaag   300

acttgttgat atgggcttaa cacatctcaa agactcaagt tacttagaaa attccatcga   360

ttgggtacca ggcatcaaag aaattcgatt aaaggacttg cctagcttca tgagaaccac   420

aaacccacaa gatctcatga tgatggattt catatatagc cagtgtgaga gagctcaaaa   480

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<210>   2639
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c09d1

<400>   2639

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aaaagaaagt caacaaatag atctacgaaa gttctttggc agcagcaata acagcttcct   180

tggtgatacc aaactccttg tatatttttc ctgctggagc acttgctcca aatcgatcaa   240

tgcctatggc ctttccttgg cttccaacaa tcttttgcca accaaatgtt gatcctgcct   300

caatgctaac tctaactgtt accgaagcag ggagaacact ctctttgtat tcatctgact   360

gctcatcaaa aagttcccag ctaacaaag aaacaactct aacagctttt ccttccttcc    420

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<210>   2640
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051c10a1

<400>   2640

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gtgttcttaa ccagaagcgt ggacacgtgt tcgaggaaat gcagaggcca ggtaccccac   240

tatacaacat caaggcatac ctccctgtca tcgagtcctt tggtttctcg agcacattga   300

gggctgcaac atcaggccag gccttcccac aatgtgtgtt tgatcactgg gacatgatgt   360

cttctgaccc attggaggct ggatcacaag ctgcacagct tgtcactgac attcgcaaga   420

ggaagggctt gaaggaacag atgactcctc tctccgagtt tgaagacaag ctttaaattt   480

gtttcatgaa ttattttact ttgaacttag tcgaatttat tttctcttgt gaacaatgct   540

actttagatt taatttctgt tagttttggt tgtggttttg cccgtgaat                 589
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<210>   2641
<211>   450
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c10d1

<400>   2641

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ttgggtatca attatgaata tgaagcatga gagtcaaaca tgctgtcgtt tttcacctaa   120

gtctcaaaca cacctctatc aagatgaaag caacctacta acggaaataa atggatatct   180

gagggatgtc gatgtcatta tcctcatcat cctcgcatgc cacaacaacg tccaaatggc   240

gacggtacgc aagaatttca aacttggcta cttcccttgc cagatctgca accttttgt   300

ccattcgatc tttatgccga gggaacatgc tattatagag caggcaactc ccacaagaaa   360

tactgtaagc attcaagccc tttgccttca gccactctag aagttccctg agggtaggat   420

tgtctccgag aatccatcta tcccaaaccg                                    450
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<210>   2642
<211>   572
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c11a1

<400>   2642

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caaactgagc agtcacagac acaggttgtg tgtctttaaa atatctatga actgttgttg   120

gcacttggca gataattatt gcatctaaca acccataaag acggtgacta tgagtaatct   180

gcaaaatttt aatgctatac tctgtgtctc tgaatgacca tcaagtgatc cggtgcggtt   240

ggaaagaacc ttccgaatta caaagattga ctacttgtta ttctcattgg tggagttaat   300

agttattttg tagatgcaaa cgtctcagaa acacccagt tcagctggtg tccatttcta   360

tcaccagcct gtgcaaggca tttaccaaat gttgcaaagc aatctatgcc atgatagcag   420

cagccaggga acaagtgttt cttttgaaac ctgcaaggag caatacttta ctctagaatc   480

atgcccagca cccactactt gtttcgtgga ttgtgatgat tctccttcct atgccagtgt   540

atcatctaaa aggactccat tttcttcaca gg                                 572
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<210>   2643
<211>   600
<212>   DNA
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<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c12a1

<400>   2643

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ggaaaaagtt ggtattatag gaagttaatc actgctttga tgacttggta agaaaacttg   180

aactaacaat ggtaagtttg agaaggcgca gacttttggg actgtgctca ggaaacagtt   240

cctttgtcac accacttcct ctatattgtg agaatctatc tggttttgaa aattcaaacc   300

agcaagctaa aactaagagt gaacagcctg ggctttccga tgatgcaagc aacccagaca   360

gtaataatgc tgtgcaagaa gaaccgggat catcaaatgc ttctggttct agctcatcga   420

aagaacagct tattcaacaa attacaggac cttctattaa acgcagaaag cgacatagaa   480

gaaagaattt gcacaatcaa gaacaatgcg taatgagagg tgtctacttc aaaaatatga   540

agtggcaggc agcaattaag gttgacaaga aacagatcca ccttaggact gtcgggtcac   600

<210>   2644
<211>   445
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051c12d1

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ataataattc tagtgattat agctaagcca atatatatca taatataata tacccttttc   120

ttattcaaag aatttatggc tatgccttat catttttagt caaagaaaag aaattatgga   180

attgaaataa ctcactcaga acgcccttta aaagattacg cggtacgatt gaatcaaata   240

agcccttatg gaataaatat tcagctgctt gtgaaccttc aggtactgcc ttattcaatg   300

tttgttcaat tactctttta ccagcaaatg caatataagc atttggttcg gcaataatga   360

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atacatagaa taacttttta ttttt   445

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<211>   577
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d01a1

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tccttcttgt tacgttgtgt atttatgatt ctgaattgcc tgttttttta aacatcgtca   180

gaggggcttt gatcaacaat ggctatcatt aacattctca aaggctatat ttcttggaaa   240

tggtcttgtt gctattttgt ctgggctgtt tggaaatgta cttgttgata cattggctct   300

tggacctgtg gccccctttg atgctgcttc atgttttctt gctattggta tggccatcat   360

actatcttca tggtcagaga atttcgggga tccttcagag aacaaggact tgcttaccca   420

atttaggggt gctgctgtgg ccattgcttc tgatgaaaag atagccttgc tgggtgccat   480

acagtctctc tttgaggttc aatgtacacc tcttgtgttc tatggacttc tgcattgagc   540

tcaaatgatg aagagatatc ccatggtttt atttttg   577

<210>   2646
<211>   525
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d01d1

<400>   2646

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agcagaaatt aatggagaca tatatttccc tttttgctga ttgccatccg atactgagcg   180

ttgctagtaa taagcatcaa ttaagaatct ttgcagcagc aatttgagac gtgaattgca   240

caggtccccc aaaaaattga aaatatcgat aggatattat ttttcatgaa cgagaggaga   300

atacacagga taccacatat tgcttcgcac atactccaca gcctgatctt ttgacatatg   360

ggaaagttcc ttgggcccca catcaccatg tccttctgcc agttcttctt caactgctgc   420

tcgaagcaca gcagccccga cctgtgccgt aacatctcgt atgctatcaa cggatggata   480

994

cacaattgct ttcaagatat cttccgtcgc catgtatgaa gcaag   525

<210>   2647
<211>   593
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d02a1

<400>   2647

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gaacgtctat tccgttctca aatctgaact tctccacgac cccgccttcg agttctccga 180

tgatgctcgc cattgggtcg accggatgct agactacaat gtgcctggag gaaagttgaa 240

ccggggactg tcagtcattg acagctacag attgttgaaa gaaggacagg cattaaatga 300

tgacgaaatt ttccttgcta gtgctcttgg ttggtgtatt gaatggcttc aggcatattt 360

tcttgttctt gatgacatta tggataactc tcacacacgc cgcggccagc catgctggtt 420

tagagtgccc aaggttggaa tgattgcagc caatgatgga gttctactaa gaaaccatat 480

tccacggatc cttaggaagc acttcagggg aaagcctatt acattgatct tcttgatttg 540

gttaatgagg ttgagtctca gactgcttca agacagatga tagatctgat cac   593

<210>   2648
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d03a1

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ctgacacctc acaagcacgc cacgtagaga tatggacgct ggatgaccaa cgccatatga 120

tctgcattca ccgtgacgaa actatccaag ctcatgccct ctagccttag cgctggtcac 180

caagcactgt gcctgacgca cctccgttca tatgaacggg acgtgccctt ggctgacacc 240

tgatggcaag acccatgtca ctgacgagcc tactacgaca tgtgagccat ggtgacaatc 300

cttgtccaca ctgagctcaa ttcccacagc atgacgacga ctgcacacga gatgagactg 360

                                                                   995

cagtacgaac atg

<210>   2649
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<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d03d1

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gtcctggcaa tacttgaaca tcaatgtctt cctttatcat cccttgtggc aattcccaat   180

caaaggaatg aagaagatta gcacgaacaa gttctaatat cacaactgcc ataggtaaac   240

ctgggcaact tctgcgacct gatccaaaag gaattagttg gaaatcttgt ccacgaaaat   300

ctacgtcgct atccaagaat ctttcgggaa taaactcttg aggatttttc caagattcgg   360

gatctctatg aataacccaa gcattcacgt ataatattgt cttagctgga attcgatagc   420

catgtataat gcactcttca tttgatactc ttggtacaag tagtgtggct ggtgggtaca   480

atctaaatgt ctcctttatc attgccttga ataggaaagt tttgaacatc atttcatcta   540

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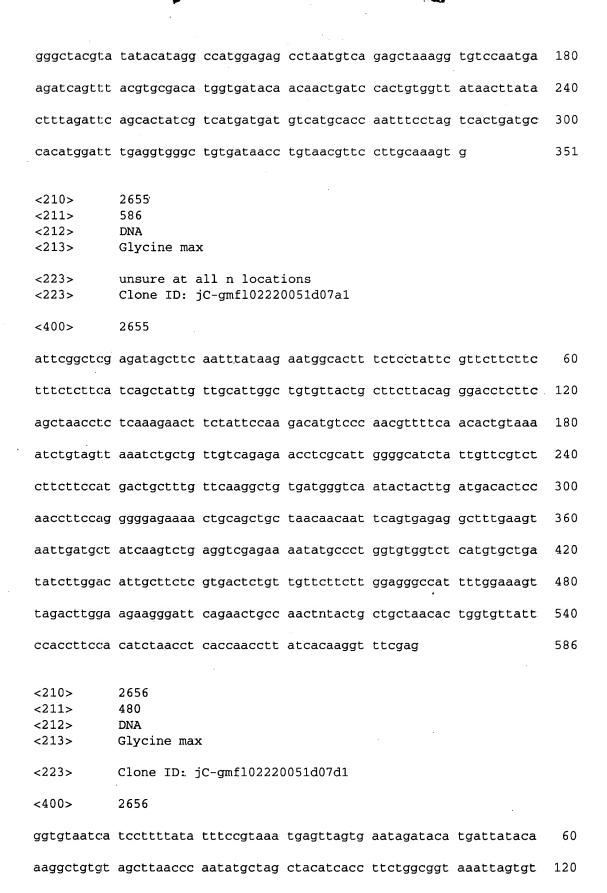t   601

<210>   2650
<211>   542
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d04a1

<400>   2650

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aatgttgctc aactatgtgt actagaattc attaatcaaa atggatctct cccatccagc   180

ttgacagggt ctagtaaagt tgtggtttgc aacattcatg tgctttacaa tcctaacagg   240

ggagaaatta agcttggcca ggttcgagtg ctgcttgata aggctaaagc cgtttctaaa   300

ctctggaatg atgcccctgt agctatctgt ggggattta attgtactcc caagagtcca 360

ttatataact ttatatcaga acagaagtta gatctgtccg gaatagatag gaataaggta 420

tcaggacatg cttctgctac aattcatgca tctaagctct attatggtcc taattctagt 480

gaaatatctg ctaatggttc agttcaggca acatccactg aaggttgaca agaagacatt 540

ga   542

<210>   2651
<211>   410
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmfl02220051d04d1

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ccatagtttc ttacaactta ttgccaaatt ggagggattt attcgaaaga caacctaatt 120

ttaaataaaa tatgaccata taactataag caacttctct accaatttaa gactgctttc 180

tgtatccaat atcctctcct tcctataaga cttttggtt cttctttct gtatcctact 240

tcttggtctt tcgattcttc ttcggtcccg gaacctccaa cctaccaaca gaacagccac 300

accttcctct gaggacaaga acagcccttc cattggggg tgccatcttc ttaagctcgg 360

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<210>   2652
<211>   610
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmfl02220051d05a1

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agccgtggac gtcttcaggt ggtatgccga gtatgattgg gcttccttca gatcacgctc 180

ttgttgagga tgatgaatgc ttaagatgga ttaaaaaata cgcagacagt gagaatctat 240

tctttgaaga tttcaaaaat gcgtatgtca agctggtgaa ttctggtgtg aggcggaata 300

997

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gcttataaat tcaagagttg aatgttccaa cttccactga aggggcaact tgcatttta   360

ttgactttct aacagtgttt atgcacagtt gccatgaagt tttgggtgct ttattattga   420

tttgaacatc aagatctact accccctaaa aatcaaccaa cgaagtatgt gcatgcaggg   480

ccaatanatc tcatggaaaa gtcgtttaag tgtgttttga ttaagattta nacgactatt   540

taacctaatt ttttttgaa tttaagatat gtaaatatat gattatatat ctttcagat   600

ttatgtaaaa                                                          610


<210>      2653
<211>      530
<212>      DNA
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<223>      Clone ID: jC-gmf102220051d05d1

<400>      2653

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aagggtaaca cacaagcgat caatttgatc tatttcttta tttctgcgtg aattgtatgt   180

ttgcaacaac ggggacaaaa ttttctcaat tccaatcgac taggcgtatt ctgtcgattc   240

tttttagtta tatatctaga aatacccgtt gattccttat taacactctt tttatcacaa   300

ccggtacatt ccaaaataac aattactcgg atatctttac ctttggccat gaacctccct   360

tgggttttta attcacttaa ctcttttggt ttcggattat aatctaagaa aaagaaaaga   420

acgaaaaaac gaaaatataa attaagaatt agaaatccaa ttttgaaaga tttcgttcca   480

tttaagatta ggattaatat agtacaaaaa taatacaatg atctcgaact              530


<210>      2654
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<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220051d06d1

<400>      2654

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aaggctatac ataggcacat gctatgacta taagcgtctt catgaagaat gctggatgcg   120
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gggctacgta tatacatagg ccatggagag cctaatgtca gagctaaagg tgtccaatga    180

agatcagttt acgtgcgaca tggtgataca acaactgatc cactgtggtt ataacttata    240

ctttagattc agcactatcg tcatgatgat gtcatgcacc aatttcctag tcactgatgc    300

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<210>      2655
<211>      586
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<223>      Clone ID: jC-gmf102220051d07a1

<400>      2655
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agctaacctc tcaaagaact tctattccaa gacatgtccc aacgttttca acactgtaaa   180

atctgtagtt aaatctgctg ttgtcagaga acctcgcatt ggggcatcta ttgttcgtct   240

cttcttccat gactgctttg ttcaaggctg tgatgggtca atactacttg atgacactcc   300

aaccttccag ggggagaaaa ctgcagctgc taacaacaat tcagtgagag gctttgaagt   360

aattgatgct atcaagtctg aggtcgagaa aatatgccct ggtgtggtct catgtgctga   420

tatcttggac attgcttctc gtgactctgt tgttcttctt ggagggccat tttggaaagt   480

tagacttgga agaagggatt cagaactgcc aactntactg ctgctaacac tggtgttatt   540

ccaccttcca catctaacct caccaacctt atcacaaggt ttcgag                  586
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<210>      2656
<211>      480
<212>      DNA
<213>      Glycine max

<223>      Clone ID: jC-gmf102220051d07d1

<400>      2656
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aaggctgtgt agcttaaccc aatatgctag ctacatcacc ttctggcggt aaattagtgt   120
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999

aacaatgaaa tggttcactc aattccatct cttggcattt ttcacgcctt tggacttctg   180

ttttgctgcc tgaaaggcct gcatcttttg tttcttccgt gcctctttct cagccttgga   240

catcttagat ttggctttca ctttaggagc tttgctatca agctcagcct cgcgttcaag   300

ttctctttcc ctagcatcaa aattcttctc taaataataa tcgtaatcac ctgcataatc   360

ctgtatggtg ccatctttaa tttctatcac tctattaact atttgcttta taaagtatcg   420

gtcatgagat actgtgataa cagtgccctg gtattcattt attgcttcct cgagcatttc   480

<210>   2657
<211>   552
<212>   DNA
<213>   Glycine max

<223>   unsure at all n locations
<223>   Clone ID: jC-gmf102220051d08a1

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aagccttcca attttttgat cagaacatac gtgagtatat tgagattgag gagctgcgta   180

gcgccttatc tgatgatctt gacacaaaca gtgaagaagt tatcagtgca attatgcatg   240

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gcctaacgtt gatgagggac gggtcattgc atttaaacaa tgaaaaacaa taacggtaga   420

tgactacttt agaaatgcca attttttactt tggaaaggaa aattcgataa agaagtctat   480

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<210>   2658
<211>   482
<212>   DNA
<213>   Glycine max

<223>   Clone ID: jC-gmf102220051d08d1

<400>   2658

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